

STIC-Biotech/ChemLib

From: Canella, Karen
Sent: Tuesday, February 14, 2006 6:19 PM
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Subject: sequence search request for 09/724,254

Karen Canella
Art Unit 1643
Office Rem 3A29
Mail Rem 3C18
571-272-0828

In 09/724,254:
Published Application and Interference Search in the Protein Databases:
1. oligomer of SEQ ID NO:3
2. oligomer of residues 556-977 of SEQ ID NO:41
3. oligomer of residues 556-759 of SEQ ID NO:44

Searcher: _____
Searcher Phone: _____
Date Searcher Picked up: _____
Date completed: _____
Searcher Prep Time: _____
Online Time: _____

Type of Search
NA# _____ AA# _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure #: _____ Text: _____
Inventor: _____ Litigation: _____

Vendors and cost where applicable
STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other (Specify): _____

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GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 17, 2006, 06:37:40 ; Search time 30.1346 Seconds
(without alignments)
1624.177 Million cell updates/sec

Title: US-09-724-254A-3

Sequence: 1 MLWVILVLAIPVSGQPART.....AEFLTHSPKULFALSFLP 592

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 572060 seqs, 82675679 residues

Word size : 0

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database :

Issued Patents AA: *
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	514	86.8	1248	2	US-09-949-016-10596 Sequence 10596, A
3	102	17.2	124	2	US-09-991-181-146 Sequence 146, App
4	102	17.2	124	2	US-09-990-444-146 Sequence 146, App
5	102	17.2	124	2	US-09-997-333-146 Sequence 146, App
6	102	17.2	124	2	US-09-992-598-146 Sequence 146, App
7	9	1.5	51	2	US-08-569-147-91 Sequence 91, Appl
8	9	1.5	107	2	US-08-838-682-16 Sequence 16, Appl
9	9	1.5	107	2	US-08-895-914-16 Sequence 16, Appl
10	9	1.5	107	2	US-09-357-710A-16 Sequence 16, Appl
11	9	1.5	107	2	US-09-357-707-16 Sequence 16, Appl
12	9	1.5	107	2	US-09-357-708-16 Sequence 16, Appl
13	9	1.5	109	4	PCT-US92-02044-2 Sequence 2, Appl
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18	9	1.5	121	2	US-09-357-708-11 Sequence 11, Appl
19	8	1.4	36	2	US-09-227-357-550 Sequence 550, App
20	8	1.4	36	2	US-09-973-278-352 Sequence 352, App
21	8	1.4	107	1	US-08-888-366-14 Sequence 14, Appl
22	8	1.4	107	1	US-08-888-366-26 Sequence 26, Appl
23	8	1.4	138	2	US-09-252-991A-26931 Sequence 26931, A
24	8	1.4	230	2	US-09-485-737B-102 Sequence 102, Appl
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41	8	1.4	711	2	US-09-485-737B-90 Sequence 90, Appl
42	8	1.4	711	2	US-10-071-485-90 Sequence 90, Appl
43	8	1.4	878	2	US-09-826-509-347 Sequence 347, App
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45	8	1.4	906	2	US-08-367-264-2 Sequence 2, Appl

ALIGNMENTS

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RESULT 1
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; Sequence 10595, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: C0001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 10595
; LENGTH: 1248
; TYPE: PRT
; ORGANISM: Human
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Best Local Similarity 100.0%; Pred. No. 0;
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         102 17.2 124 2 US-09-997-333-146 Sequence 146, App
         102 17.2 124 2 US-09-992-598-146 Sequence 146, App
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         9      1.5 107 2 US-08-838-682-16 Sequence 16, Appl
         9      1.5 107 2 US-08-895-914-16 Sequence 16, Appl
         9      1.5 107 2 US-09-357-710A-16 Sequence 16, Appl
         9      1.5 107 2 US-09-357-707-16 Sequence 16, Appl
         9      1.5 107 2 US-09-357-708-16 Sequence 16, Appl
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         8      1.4 138 2 US-09-252-991A-26931 Sequence 26931, A
         8      1.4 230 2 US-09-485-737B-102 Sequence 102, Appl
         8      1.4 230 2 US-10-071-485-102 Sequence 102, Appl
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; Sequence 10596, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: C1001307
; CURRENT APPLICATION NUMBER: US/09/949, 016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
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; PRIOR APPLICATION NUMBER: 60/237,768
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; PRIOR APPLICATION NUMBER: 60/231,498
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; ORGANISM: Human
; US-09-949-016-10596
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Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; Sequence 146, Application US/09991181
; Patent No. 6913919
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C53
; CURRENT APPLICATION NUMBER: US/09/991,181
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
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PRIOR FILING DATE: 1998-07-02
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PRIOR FILING DATE: 1998-07-07
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PRIOR FILING DATE: 1998-07-09

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Oy 61 YLKEILRETPNILEVOSSEYRCOAQSPSSPYHLDPS 102
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RESULT 4
US-09-990-444-146
Sequence 146, Application US/09990444
Patent No. 6930170
GENERAL INFORMATION:
APPLICANT: Aekhenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gueney, Austin L.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C19
CURRENT APPLICATION NUMBER: US/09/990,444
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
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PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

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Best Local Similarity 100.0%; Pred.No. 1,le-91;
Matches 102; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 61 YLKEILRETPDNILEVQSGEYRCQAQGSPLSSPVHIDFSS 102

RESULT 5
US-09-724-254a-3.011.txt
Sequence 146, Application US/0997333
Patent No. 6953836
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyera, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gottfredsen, Mary E.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Klavin, Ivar J.
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APPLICANT: Pan, James
APPLICANT: Reou, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P27301C27
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
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;; PRIOR FILING DATE: 1998-07-09

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US-09-992-598-146
Sequence 146 Application US/09992598
Patent No. 6956108
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Borstein, David
APPLICANT: Desnoyese, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
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APPLICANT: Goddard, Audrey
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC20
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;; PRIOR FILING DATE: 1998-07-09

Query Match 17.2%; Score 102; DB 2; Length 124;

Best Local Similarity 100.0%; Pred. No. 1.1e-91;
Matches 102; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY YLKGKILRETPNDILAEVQESGRCQAGSPSSPVHLDFSS 102
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RESULT 7
US-08-569-147-91
; Sequence 91, Application US/08569147

;; Patent No. 6180377
;; GENERAL INFORMATION:
;; APPLICANT:
;; TITLE OF INVENTION: HUMANISED ANTIBODIES
;; NUMBER OF SEQUENCES: 95
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
;; STREET: One Liberty Place - 46th Floor
;; CITY: Philadelphia
;; STATE: PA
;; COUNTRY: U.S.A.
;; ZIP: 19103
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/569,147
;; FILING DATE: 25-March-1996
;; CLASSIFICATION: 536
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Trujillo, Doreen Yalco
;; REGISTRATION NUMBER: 35,719
;; REFERENCE/DOCKET NUMBER: CARP-0047
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (215) 568-3100
;; TELEFAX: (215) 568-3439
;; INFORMATION FOR SEQ ID NO: 91:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 51 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULAR TYPE: protein
;; US-08-569-147-91

Query Match 1.5%; Score 9; DB 2; Length 51;

Best Local Similarity 100.0%; Pred. No. 0.49;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVTLTCK 45
DB 40 GERVTLTCK 48

RESULT 8
US-08-838-682-16
; Sequence 16, Application US/08838682
; Patent No. 6107090

;; GENERAL INFORMATION:
;; APPLICANT: Bander M.D., Neil H.
;; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE
;; TITLE OF INVENTION: CANCER
;; NUMBER OF SEQUENCES: 19
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
;; STREET: Clinton Square, P.O. Box 1051
;; CITY: Rochester
;; STATE: New York
;; COUNTRY: U.S.A.
;; ZIP: 14603-1051
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/838,682
;; FILING DATE:
;; CLASSIFICATION: 424
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/016,976

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; FILING DATE: 06-MAY-1996
; PRIOR APPLICATION DATA: US 60/022,125
; APPLICATION NUMBER: 18-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Michael L.
; REGISTRATION NUMBER: 30,727
; REFERENCE/DOCKET NUMBER: 19603/1172
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1304
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 107 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-838-682-16

Query Match 1.5%; Score 9; DB 2; Length 107;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVTLTK 45
DB 16 GERVTLTK 24

RESULT 9
US-08-895-914-16
; Sequence 16, Application US/08895914
; Patent No. 6136311
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14603-1051
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/895,914
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/016,976
; FILING DATE: 06-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/022,125
; FILING DATE: 18-JUL-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/838,682
; FILING DATE: 09-APR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Michael L.
; REGISTRATION NUMBER: 30,727
; REFERENCE/DOCKET NUMBER: 19603/1173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1304
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 107 amino acids
; TYPE: amino acid
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; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-895-914-16

Query Match 1.5%; Score 9; DB 2; Length 107;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVTLTK 45
DB 16 GERVTLTK 24

RESULT 10
US-09-357-710A-16
; Sequence 16, Application US/09357710A
; Patent No. 6290956
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/025
; CURRENT APPLICATION NUMBER: US/09/357,710A
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patent version 3.0
; SEQ ID NO 16
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus sp.
; US-09-357-710A-16

Query Match 1.5%; Score 9; DB 2; Length 107;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVTLTK 45
DB 16 GERVTLTK 24

RESULT 11
US-09-357-707-16
; Sequence 16, Application US/09357707
; Patent No. 6649163
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/078
; CURRENT APPLICATION NUMBER: US/09/357,707
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/895,914
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patent version 3.0
; SEQ ID NO 16
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus sp.
; US-09-357-707-16
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Query Match 1.5%; Score 9; DB 2; Length 107;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVTLTK 45
Db 16 GERVTLTK 24

RESULT 12
US-09-357-708-16
; Sequence 16, Application US/09357708
; Patent No. 6770450
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/028
; CURRENT APPLICATION NUMBER: US/09/357,708
; CURRENT FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/895,914
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-357-708-16

Query Match 1.5%; Score 9; DB 2; Length 107;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVTLTK 45
Db 16 GERVTLTK 24

RESULT 13
PCT-US92-02044-2
; Sequence 2, Application PC/TUS9202044
; GENERAL INFORMATION:
; APPLICANT: BIOGEN, INC.
; APPLICANT: SATO, YICKI L.
; APPLICANT: CHISHOLM, Patricia L.
; APPLICANT: WALINER, Barbara P.
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES RECOGNIZING
; TITLE OF INVENTION: LYMPHOCYTE FUNCTION ASSOCIATED ANTIGEN-3
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: C/O FISH & NEAVE
; STREET: 875 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/02044
; FILING DATE: 19920312
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/667,975

FILING DATE: 12-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: HALEY Jr., James F.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: B150CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 715-0600
; TELEFAX: (212) 715-0673
; TELEX: 14-8367
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US92-02044-2

Query Match 1.5%; Score 9; DB 4; Length 109;
Best Local Similarity 100.0%; Pred. No. 0.98;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVTLTK 45
Db 16 GERVTLTK 24

RESULT 14
US-08-838-682-11
; Sequence 11, Application US/08838682
; Patent No. 6107090
; GENERAL INFORMATION:
; APPLICANT: Bander M.D., Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14603-1051
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,682
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/016,976
; FILING DATE: 06-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/022,125
; FILING DATE: 18-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Michael L.
; REGISTRATION NUMBER: 30,727
; REFERENCE/DOCKET NUMBER: 19603/1172
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1304
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 121 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-838-682-11

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 Best Local Similarity 100.0%; Pred. No. 1.1;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVLTCK 45
 DB 22 GERVLTCK 30

RESULT 15
 US-08-895-914-11
 ; Sequence 11, Application US/08895914
 ; Patent No. 6136311
 ; GENERAL INFORMATION:
 ; APPLICANT: Bander, Neil H.
 ; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
 ; NUMBER OF SEQUENCES: 19
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
 ; STREET: Clinton Square, P.O. Box 1051
 ; CITY: Rochester
 ; STATE: New York
 ; COUNTRY: U.S.A.
 ; ZIP: 14603-1051
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/895,914
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 60/016,976
 ; FILING DATE: 06-MAY-1996
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 60/022,125
 ; FILING DATE: 18-JUL-1996
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/838,682
 ; FILING DATE: 09-APR-1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Goldman, Michael L.
 ; REGISTRATION NUMBER: 30,727
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (716) 263-1304
 ; TELEFAX: (716) 263-1600
 ; INFORMATION FOR SEQ ID NO. 11:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 121 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS:
 ; TOPOLOGY: linear
 ; MOLECULAR TYPE: protein
 ; US-08-895-914-11

Query Match 1.5%; Score 9; DB 2; Length 121;
 Best Local Similarity 100.0%; Pred. No. 1.1;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVLTCK 45
 DB 22 GERVLTCK 30

Search completed: February 17, 2006, 06:38:54
 Job time: 31.1346 secs

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GenCore version 5.1.7
Copyright (c) 1993 - 2006 BioCeleration Ltd.

OM protein - protein search, using sw model

Run on: February 17, 2006, 06:56:30 / Search time 141.924 Seconds
(without alignments)
1742.863 Million cell updates/sec

Title: US-09-724-254A-3

Perfect score: 592

Sequence: 1 MLMLVILVLAIPVSCGFART.....AEFSLTHSPNLPALSSFLP 592

Scoring table: OLIGO

Gapop 60.0, Capext 60.0

Searched: 1867569 seqs, 417829326 residues

Word size: 0

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: listing first 45 summaries

Database: Published Applications RA Main:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	* Query Match	Length	ID	Description
1	514	86.8	592	4 US-10-040-862-10461	Sequence 10461, A
2	514	86.8	592	4 US-10-057-475B-10461	Sequence 10461, A
3	514	86.8	592	4 US-10-154-884B-10461	Sequence 10461, A
4	514	86.8	592	4 US-10-403-847-8	Sequence 8, Appl1
5	514	86.8	592	4 US-10-764-324-10461	Sequence 10461, A
6	514	86.8	759	4 US-10-040-862-10460	Sequence 10460, A
7	514	86.8	759	4 US-10-057-475B-10460	Sequence 10460, A
8	514	86.8	759	4 US-10-154-884B-10460	Sequence 10460, A
9	514	86.8	759	4 US-10-403-847-7	Sequence 7, Appl1
10	514	86.8	759	4 US-10-764-324-10460	Sequence 10460, A
11	514	86.8	977	4 US-10-040-862-10462	Sequence 10462, A
12	514	86.8	977	4 US-10-241-920-97	Sequence 97, Appl1
13	514	86.8	977	4 US-10-057-475B-10462	Sequence 10462, A
14	514	86.8	977	4 US-10-154-884B-10462	Sequence 10462, A
15	514	86.8	977	4 US-10-403-847-9	Sequence 9, Appl1
16	514	86.8	977	4 US-10-764-324-10462	Sequence 10462, A
17	514	86.8	977	5 US-10-872-972-97	Sequence 97, Appl1
18	514	86.8	977	5 US-10-872-972-97	Sequence 97, Appl1
19	514	86.8	977	5 US-10-872-972-97	Sequence 97, Appl1
20	412	69.6	790	4 US-10-403-847-4	Sequence 35, Appl1
21	261	47.5	21	4 US-10-403-847-2	Sequence 2, Appl1
22	261	47.5	439	4 US-10-403-847-6	Sequence 6, Appl1
23	151	22.5	152	4 US-10-403-847-10	Sequence 10, Appl1
24	102	17.2	102	4 US-10-403-847-124	Sequence 124, App
25	102	17.2	124	3 US-09-989-723-146	Sequence 146, App
26	102	17.2	124	3 US-09-989-723-146	Sequence 146, App
27	102	17.2	124	3 US-09-989-723-146	Sequence 146, App

28	102	17.2	124	3 US-09-989-727-146	Sequence 146, App
29	102	17.2	124	3 US-09-989-731-146	Sequence 146, App
30	102	17.2	124	3 US-09-989-732-146	Sequence 146, App
31	102	17.2	124	3 US-09-991-073-146	Sequence 146, App
32	102	17.2	124	3 US-09-990-442-146	Sequence 146, App
33	102	17.2	124	3 US-09-991-163-146	Sequence 146, App
34	102	17.2	124	3 US-09-993-604-146	Sequence 146, App
35	102	17.2	124	3 US-09-990-456-146	Sequence 146, App
36	102	17.2	124	3 US-09-989-721-146	Sequence 146, App
37	102	17.2	124	3 US-09-989-598-146	Sequence 146, App
38	102	17.2	124	3 US-09-989-735-146	Sequence 146, App
39	102	17.2	124	3 US-09-990-444-146	Sequence 146, App
40	102	17.2	124	3 US-09-991-161-146	Sequence 146, App
41	102	17.2	124	3 US-09-989-730-146	Sequence 146, App
42	102	17.2	124	3 US-09-989-730-146	Sequence 146, App
43	102	17.2	124	3 US-09-990-436-146	Sequence 146, App
44	102	17.2	124	3 US-09-993-687-146	Sequence 146, App
45	102	17.2	124	3 US-09-989-734-146	Sequence 146, App

ALIGNMENTS

RESULT 1
US-10-040-862-10461
; Sequence 10461, Application US/10040862
; Publication No. US2003078396A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy.
; FILE REFERENCE: 014058-013520US
; CURRENT APPLICATION NUMBER: US/10/040,862
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/223,378
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: US 09/796,692
; NUMBER OF SEQ ID NOS: 10467
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10461
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-040-862-10461
Query Match 86.8%; Score 514; DB 4; Length 592;

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Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MLMLVLLVLAAPVSGGFARTPRPIIFLOPPMTTVFQGERVTLTCCKGRFYSPOKTKMYHR 60
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DB 61 YLCKEILRETPDNILEVQSGEYRCQAQGSPLSPVHLDPSSASLILQAPLSVFBGDSVY 120
QY 121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTDFHIFHACLKONGAYRCTGYKSCCPVSSNT 180
DB 121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTDFHIFHACLKONGAYRCTGYKSCCPVSSNT 180
QY 181 VKIQVEPPTRPVLRASSFOPISGNPVTLTCETQLSERSDVPILRFRFRDDQTLGLGWS 240
DB 181 VKIQVEPPTRPVLRASSFOPISGNPVTLTCETQLSERSDVPILRFRFRDDQTLGLGWS 240
QY 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSVSDSPRSWIOVOIPASHPVLTLSPEKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSVSDSPRSWIOVOIPASHPVLTLSPEKALNFE 300
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DB 301 GTKVTLHCETQEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
QY 361 LGAKPSKAVSLSTVVPVSHPVNLSSPEDLIIFEGAKVTLHCEAQRGSLPIIYGFHEDAA 420
DB 361 LGAKPSKAVSLSTVVPVSHPVNLSSPEDLIIFEGAKVTLHCEAQRGSLPIIYGFHEDAA 420
QY 421 LERRSANSAGVAISFSLTAHSGNYCTADNGFGORSKAVSLSTVVPVSHPVLTLSA 480
DB 421 LERRSANSAGVAISFSLTAHSGNYCTADNGFGORSKAVSLSTVVPVSHPVLTLSA 480
QY 481 EALTPEGATVTLHCEVQSGSPQILYQFYHEDMPL 514
DB 481 EALTPEGATVTLHCEVQSGSPQILYQFYHEDMPL 514

RESULT 2
US-10-057-475B-10461
; Sequence 10461, Application US/10057475B
; Publication No. US20040002068A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Clapper, Jonathan David
; APPLICANT: Wang, Aijun
; APPLICANT: Ordenez, Nadia
; APPLICANT: Carter, Lauren
; APPLICANT: McNeill, Patricia Dianne
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-014402US
; CURRENT APPLICATION NUMBER: US/10/057, 475B
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04

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; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 10979
; SOFTWARE: fastSeq for Windows Version 3.0
; SEQ ID NO 10461
; LENGTH: 592
; TYPE: PR1
; ORGANISM: Homo sapiens
; US-10-057-475B-10461

Query Match 86.8%; Score 514; DB 4; Length 592;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMLVLLVLAAPVSGGFARTPRPIIFLOPPMTTVFQGERVTLTCCKGRFYSPOKTKMYHR 60
DB 1 MLMLVLLVLAAPVSGGFARTPRPIIFLOPPMTTVFQGERVTLTCCKGRFYSPOKTKMYHR 60
QY 61 YLCKEILRETPDNILEVQSGEYRCQAQGSPLSPVHLDPSSASLILQAPLSVFBGDSVY 120
DB 61 YLCKEILRETPDNILEVQSGEYRCQAQGSPLSPVHLDPSSASLILQAPLSVFBGDSVY 120
QY 121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTDFHIFHACLKONGAYRCTGYKSCCPVSSNT 180
DB 121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTDFHIFHACLKONGAYRCTGYKSCCPVSSNT 180
QY 181 VKIQVEPPTRPVLRASSFOPISGNPVTLTCETQLSERSDVPILRFRFRDDQTLGLGWS 240
DB 181 VKIQVEPPTRPVLRASSFOPISGNPVTLTCETQLSERSDVPILRFRFRDDQTLGLGWS 240
QY 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSVSDSPRSWIOVOIPASHPVLTLSPEKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSVSDSPRSWIOVOIPASHPVLTLSPEKALNFE 300
QY 301 GTKVTLHCETQEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
DB 301 GTKVTLHCETQEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
QY 361 LGAKPSKAVSLSTVVPVSHPVNLSSPEDLIIFEGAKVTLHCEAQRGSLPIIYGFHEDAA 420
DB 361 LGAKPSKAVSLSTVVPVSHPVNLSSPEDLIIFEGAKVTLHCEAQRGSLPIIYGFHEDAA 420
QY 421 LERRSANSAGVAISFSLTAHSGNYCTADNGFGORSKAVSLSTVVPVSHPVLTLSA 480
DB 421 LERRSANSAGVAISFSLTAHSGNYCTADNGFGORSKAVSLSTVVPVSHPVLTLSA 480
QY 481 EALTPEGATVTLHCEVQSGSPQILYQFYHEDMPL 514
DB 481 EALTPEGATVTLHCEVQSGSPQILYQFYHEDMPL 514

RESULT 3
US-10-154-884B-10461
; Sequence 10461, Application US/10154884B
; Publication No. US20040005561A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc W.
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013521US
; CURRENT APPLICATION NUMBER: US/10/154, 884B
; PRIOR FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01

```



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; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PAM.
; NUMBER OF SEQ ID NOS: 11290
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10461
; LENGTH: 592
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-154-884B-10461

Query Match      86.8%; Score 514; DB 4; Length 592;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLWVILLVLA PVSQGPARTPRPIIFLOPMTTVQSGRVTLTGKGRFYSPOKTKMYR 60
DB 1 MLWVILLVLA PVSQGPARTPRPIIFLOPMTTVQSGRVTLTGKGRFYSPOKTKMYR 60
QY 61 YLGRKILRETPDNLLEVQSGRGRCQAQSSPLSSPVHLDFSSASLILQAPLSVFEGDSVY 120
DB 61 YLGRKILRETPDNLLEVQSGRGRCQAQSSPLSSPVHLDFSSASLILQAPLSVFEGDSVY 120
QY 121 LRCRAKAEVLTANTTYKNDNVLAFLNKRTDPIHPACIKONGAVRCTGYKESCCPVSSNT 180
DB 121 LRCRAKAEVLTANTTYKNDNVLAFLNKRTDPIHPACIKONGAVRCTGYKESCCPVSSNT 180
QY 181 VKIQVEPFRPVLRASSFQPIISGNPVTLTCTOLSLSRSVPLRFRFFDDDTGLGMS 240
DB 181 VKIQVEPFRPVLRASSFQPIISGNPVTLTCTOLSLSRSVPLRFRFFDDDTGLGMS 240
QY 241 LSPNFQITAMWSKDSGGYWCCKATMPHSVYISDPSPSWIQVQIPASHVLTLSPEKALNE 300
DB 241 LSPNFQITAMWSKDSGGYWCCKATMPHSVYISDPSPSWIQVQIPASHVLTLSPEKALNE 300
QY 301 GTKVTILHCEVQSGVLTIVRYPVSHPVLTLSPEDLIFEGAKVTLHCEAQRGSLPILYOFHHEDAA 420
DB 301 GTKVTILHCEVQSGVLTIVRYPVSHPVLTLSPEDLIFEGAKVTLHCEAQRGSLPILYOFHHEDAA 420
QY 421 LERRSANSAGGVAISFSLTAEHSGNYCTADNGPQORSKAVSISITVPVSHVLTLSA 480
DB 421 LERRSANSAGGVAISFSLTAEHSGNYCTADNGPQORSKAVSISITVPVSHVLTLSA 480
QY 481 BALTFEGATVTLHCEVQSGVLTIVRYPVSHPVLTLSPEDLIFEGAKVTLHCEAQRGSLPILYOFHHEDAA 514
DB 481 BALTFEGATVTLHCEVQSGVLTIVRYPVSHPVLTLSPEDLIFEGAKVTLHCEAQRGSLPILYOFHHEDAA 514

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; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICER VARIANTS OF A HUMAN
; TITLE OF INVENTION: CELL SURFACE PROTEIN WITH IMMUNOLOGICAL FOLDS, BSS5G AND BSS5I.
; FILE REFERENCE: D0228 NP
; CURRENT APPLICATION NUMBER: US/10/403,847
; PRIOR FILING DATE: 2003-03-28
; PRIOR APPLICATION NUMBER: U.S. 60/368,671
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: U.S. 60/371,420
; PRIOR FILING DATE: 2002-04-10
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10461
; LENGTH: 592
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-403-847-8

Query Match      86.8%; Score 514; DB 4; Length 592;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLWVILLVLA PVSQGPARTPRPIIFLOPMTTVQSGRVTLTGKGRFYSPOKTKMYR 60
DB 1 MLWVILLVLA PVSQGPARTPRPIIFLOPMTTVQSGRVTLTGKGRFYSPOKTKMYR 60
QY 61 YLGRKILRETPDNLLEVQSGRGRCQAQSSPLSSPVHLDFSSASLILQAPLSVFEGDSVY 120
DB 61 YLGRKILRETPDNLLEVQSGRGRCQAQSSPLSSPVHLDFSSASLILQAPLSVFEGDSVY 120
QY 121 LRCRAKAEVLTANTTYKNDNVLAFLNKRTDPIHPACIKONGAVRCTGYKESCCPVSSNT 180
DB 121 LRCRAKAEVLTANTTYKNDNVLAFLNKRTDPIHPACIKONGAVRCTGYKESCCPVSSNT 180
QY 181 VKIQVEPFRPVLRASSFQPIISGNPVTLTCTOLSLSRSVPLRFRFFDDDTGLGMS 240
DB 181 VKIQVEPFRPVLRASSFQPIISGNPVTLTCTOLSLSRSVPLRFRFFDDDTGLGMS 240
QY 241 LSPNFQITAMWSKDSGGYWCCKATMPHSVYISDPSPSWIQVQIPASHVLTLSPEKALNE 300
DB 241 LSPNFQITAMWSKDSGGYWCCKATMPHSVYISDPSPSWIQVQIPASHVLTLSPEKALNE 300
QY 301 GTKVTILHCEVQSGVLTIVRYPVSHPVLTLSPEDLIFEGAKVTLHCEAQRGSLPILYOFHHEDAA 420
DB 301 GTKVTILHCEVQSGVLTIVRYPVSHPVLTLSPEDLIFEGAKVTLHCEAQRGSLPILYOFHHEDAA 420
QY 421 LERRSANSAGGVAISFSLTAEHSGNYCTADNGPQORSKAVSISITVPVSHVLTLSA 480
DB 421 LERRSANSAGGVAISFSLTAEHSGNYCTADNGPQORSKAVSISITVPVSHVLTLSA 480
QY 481 BALTFEGATVTLHCEVQSGVLTIVRYPVSHPVLTLSPEDLIFEGAKVTLHCEAQRGSLPILYOFHHEDAA 514
DB 481 BALTFEGATVTLHCEVQSGVLTIVRYPVSHPVLTLSPEDLIFEGAKVTLHCEAQRGSLPILYOFHHEDAA 514

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RESULT 4
US-10-403-847-8
; Sequence 8, Application US/10403847
; Publication No. US2004003098A1
; GENERAL INFORMATION:

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; CURRENT FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US/10/040,862
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/200,779
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 10467
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10461
; LENGTH: 592
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-764-324-10461
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Query Match 86.8%; Score 514; DB 4; Length 592;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MLMLVLLVLAAPYSGGFARTPRPIIFLOPPWTVFQGERVTLTKCKFRFYSPOKTKMYR 60
DB 1 MLMLVLLVLAAPYSGGFARTPRPIIFLOPPWTVFQGERVTLTKCKFRFYSPOKTKMYR 60
QY 61 YLCKEILRETPDNIIEVQSGEYRCQAQSSPLSPVHLDPSSASLLIQAPLSVFEEDSVY 120
DB 61 YLCKEILRETPDNIIEVQSGEYRCQAQSSPLSPVHLDPSSASLLIQAPLSVFEEDSVY 120
QY 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPDPhiPHACLKONGAYRCTGYKSCCPVSSNT 180
DB 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPDPhiPHACLKONGAYRCTGYKSCCPVSSNT 180
QY 181 VKIQVQEPFTRPVLRASSFQISGNPVTLTCETQLSLERSDVPRLRFRFRDDQTLGLGWS 240
DB 181 VKIQVQEPFTRPVLRASSFQISGNPVTLTCETQLSLERSDVPRLRFRFRDDQTLGLGWS 240
QY 241 LSPNFOITAMWSKDSGFYWCKAATMPHSVSDSPRSMTIOVQIPASHPVLTLSPEKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCKAATMPHSVSDSPRSMTIOVQIPASHPVLTLSPEKALNFE 300
QY 301 GTKVTLHCETOEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSNGNYCTADNG 360
DB 301 GTKVTLHCETOEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSNGNYCTADNG 360
QY 361 LGAKPSKAVSLSTVPVSHVPLNLSPEBDLIFGAKYTLHCEAQRGSLPTLYVPHHDDAA 420
DB 361 LGAKPSKAVSLSTVPVSHVPLNLSPEBDLIFGAKYTLHCEAQRGSLPTLYVPHHDDAA 420
QY 421 LERRSANSAGGVAISFSLTAHSGNYYCTADNGFQGRSKAVSLSTVPVSHVPLTSSA 480
DB 421 LERRSANSAGGVAISFSLTAHSGNYYCTADNGFQGRSKAVSLSTVPVSHVPLTSSA 480
QY 481 EALTPEGATVTLHCEVORGSPOLLIOFYHEDMPL 514
DB 481 EALTPEGATVTLHCEVORGSPOLLIOFYHEDMPL 514
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RESULT 6
US-10-040-862-10460

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; Sequence 10460, Application US/10040862
; Publication No. US20030078396A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013520US
; CURRENT APPLICATION NUMBER: US/10/040,862
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/223,378
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: US 09/796,692
; PRIOR FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 10467
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10460
; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-040-862-10460
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Query Match 86.8%; Score 514; DB 4; Length 759;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MLMLVLLVLAAPYSGGFARTPRPIIFLOPPWTVFQGERVTLTKCKFRFYSPOKTKMYR 60
DB 1 MLMLVLLVLAAPYSGGFARTPRPIIFLOPPWTVFQGERVTLTKCKFRFYSPOKTKMYR 60
QY 61 YLCKEILRETPDNIIEVQSGEYRCQAQSSPLSPVHLDPSSASLLIQAPLSVFEEDSVY 120
DB 61 YLCKEILRETPDNIIEVQSGEYRCQAQSSPLSPVHLDPSSASLLIQAPLSVFEEDSVY 120
QY 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPDPhiPHACLKONGAYRCTGYKSCCPVSSNT 180
DB 121 LRCRAAEVTLNNTIYKNDVLAFLNKRTPDPhiPHACLKONGAYRCTGYKSCCPVSSNT 180
QY 181 VKIQVQEPFTRPVLRASSFQISGNPVTLTCETQLSLERSDVPRLRFRFRDDQTLGLGWS 240
DB 181 VKIQVQEPFTRPVLRASSFQISGNPVTLTCETQLSLERSDVPRLRFRFRDDQTLGLGWS 240
QY 241 LSPNFOITAMWSKDSGFYWCKAATMPHSVSDSPRSMTIOVQIPASHPVLTLSPEKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCKAATMPHSVSDSPRSMTIOVQIPASHPVLTLSPEKALNFE 300
QY 301 GTKVTLHCETOEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSNGNYCTADNG 360
DB 301 GTKVTLHCETOEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSNGNYCTADNG 360
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Db 301 GTKVTLLHCEQEDSLRTYRPFHBEVPLRHKSVRCERGASISPSLTTEMSGNYCTAONG 360
Qy 361 LGARPSKAVSLSTVTPVSHPVNLNLSPEDLIFEGAKVTLLHCEAORGLPILYQFHHEDA 420
Db 361 LGARPSKAVSLSTVTPVSHPVNLNLSPEDLIFEGAKVTLLHCEAORGLPILYQFHHEDA 420
Qy 421 LERRSANSAGGVAISPSLTAEHSGNYCTAONGFGPORSKAVSLSTVTPVSHPVTLTSSA 480
Db 421 LERRSANSAGGVAISPSLTAEHSGNYCTAONGFGPORSKAVSLSTVTPVSHPVTLTSSA 480
Qy 481 BALTFEGATVTLHCEVORGSPQILYQFYHEDMPL 514
Db 481 BALTFEGATVTLHCEVORGSPQILYQFYHEDMPL 514

RESULT 7
US-10-057-475B-10460
; Sequence 10460, Application US/10057475B
; Publication No. US20040002068A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Clapper, Jonathan David
; APPLICANT: Wang, Aijun
; APPLICANT: Carter, Nadia
; APPLICANT: Ordeez, Lauree
; APPLICANT: McNeill, Patricia Dianne
; APPLICANT: Cortixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-01440205
; CURRENT FILING DATE: 2002-01-22
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 10979
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10460
; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-475B-10460

Query Match 86.8%; Score 514; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MLMTVTLVAPVSGKARTRPIIFQPPWTVFGGRVTLTGCGFFYSPOKTKMYHR 60
Db 1 MLMTVTLVAPVSGKARTRPIIFQPPWTVFGGRVTLTGCGFFYSPOKTKMYHR 60
Qy 61 YLGEKILRTFPNIILEVQSGEYRCOAQGSPLSSPVHLDFSSASILLQAPLSVEGDSVY 120
Db 61 YLGEKILRTFPNIILEVQSGEYRCOAQGSPLSSPVHLDFSSASILLQAPLSVEGDSVY 120
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Db 121 LRCRAKAEVTLNNTIYKQNNVLAFLNKRSTDPHI PHACIKXNGAYRCGYKESCCPVSNT 180
Qy 121 LRCRAKAEVTLNNTIYKQNNVLAFLNKRSTDPHI PHACIKXNGAYRCGYKESCCPVSNT 180
Db 181 VKIQVQEPFRPLRARSPOPISSGNPVTLTCEQTLSESDVPLRRFPDDQTLGLGMS 240
Qy 181 VKIQVQEPFRPLRARSPOPISSGNPVTLTCEQTLSESDVPLRRFPDDQTLGLGMS 240
Db 241 LSPNFOITAMSSKDSGFYCKAATMPHSVSDSPRSWIQVQIPASHPVTLSPKXLANE 300
Qy 241 LSPNFOITAMSSKDSGFYCKAATMPHSVSDSPRSWIQVQIPASHPVTLSPKXLANE 300
Db 301 GTKVTLLHCEQEDSLRTYRPFHBEVPLRHKSVRCERGASISPSLTTEMSGNYCTAONG 360
Qy 301 GTKVTLLHCEQEDSLRTYRPFHBEVPLRHKSVRCERGASISPSLTTEMSGNYCTAONG 360
Db 361 LGARPSKAVSLSTVTPVSHPVNLNLSPEDLIFEGAKVTLLHCEAORGLPILYQFHHEDA 420
Qy 361 LGARPSKAVSLSTVTPVSHPVNLNLSPEDLIFEGAKVTLLHCEAORGLPILYQFHHEDA 420
Db 421 LERRSANSAGGVAISPSLTAEHSGNYCTAONGFGPORSKAVSLSTVTPVSHPVTLTSSA 480
Qy 421 LERRSANSAGGVAISPSLTAEHSGNYCTAONGFGPORSKAVSLSTVTPVSHPVTLTSSA 480
Db 481 BALTFEGATVTLHCEVORGSPQILYQFYHEDMPL 514
Qy 481 BALTFEGATVTLHCEVORGSPQILYQFYHEDMPL 514
Db 481 BALTFEGATVTLHCEVORGSPQILYQFYHEDMPL 514

RESULT 8
US-10-154-884B-10460
; Sequence 10460, Application US/10154884B
; Publication No. US20040005561A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Reiter, Marc W.
; APPLICANT: Cortixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-01352105
; CURRENT FILING DATE: 2002-05-23
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 11290
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10460
; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
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US-10-154-884B-10460

Query Match 86.8%; Score 514; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMLVILLVAVPVGQFARTPRPIIFLOPPMTTVFQGERVTLTCKGRFYSPOKTKMYHR 60
DB 1 MLMLVILLVAVPVGQFARTPRPIIFLOPPMTTVFQGERVTLTCKGRFYSPOKTKMYHR 60
QY 61 YLCKEILRETDPNILEVQESGEYRCQAQSPSSPVHLDFSSASLILQAPLSVEGDSVY 120
DB 61 YLCKEILRETDPNILEVQESGEYRCQAQSPSSPVHLDFSSASLILQAPLSVEGDSVY 120
QY 121 LRCRAAEVTLANTTIYKNDNVLAFLNKRTDFH1PHACLKONGAYRCGYKESCCPVSSNT 180
DB 121 LRCRAAEVTLANTTIYKNDNVLAFLNKRTDFH1PHACLKONGAYRCGYKESCCPVSSNT 180
QY 181 VKIQVQEPPTRPVLRASSFOPISGNPVTLTCEQOLSLERSDVPRLRFRFRDDOTLGLGWS 240
DB 181 VKIQVQEPPTRPVLRASSFOPISGNPVTLTCEQOLSLERSDVPRLRFRFRDDOTLGLGWS 240
QY 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSV1SDSPRSWIOVQIPASHPVLTLSPEKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSV1SDSPRSWIOVQIPASHPVLTLSPEKALNFE 300
QY 301 GTKVTLHCEQEDSLRTLYRFHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
DB 301 GTKVTLHCEQEDSLRTLYRFHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
QY 361 LGAKPSKAVSLSTVPSHVLNLSPEBDLIFEGAKVTLHCEAQRGSLPILYQFHEDAA 420
DB 361 LGAKPSKAVSLSTVPSHVLNLSPEBDLIFEGAKVTLHCEAQRGSLPILYQFHEDAA 420
QY 421 LERRANSAGVAILSFSLTAHSGNYYCTADNGFGPQRSKAVSLSTVPSHVLTLSSA 480
DB 421 LERRANSAGVAILSFSLTAHSGNYYCTADNGFGPQRSKAVSLSTVPSHVLTLSSA 480
QY 481 EALTPEGATVTLHCEVQGRSPQILYQFYHEDMPL 514
DB 481 EALTPEGATVTLHCEVQGRSPQILYQFYHEDMPL 514

RESULT 9

US-10-403-847-7
; Sequence 7, Application US/10403847
; Publication No. US2004030098A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICER VARIANTS OF A HUMAN
; FILE REFERENCE: DD228 NP
; CURRENT APPLICATION NUMBER: US/10/403,847
; PRIOR FILING DATE: 2003-03-28
; PRIOR APPLICATION NUMBER: U.S. 60/368,671
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: U.S. 60/371,420
; PRIOR FILING DATE: 2002-04-10
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-403-847-7

Query Match 86.8%; Score 514; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMLVILLVAVPVGQFARTPRPIIFLOPPMTTVFQGERVTLTCKGRFYSPOKTKMYHR 60
DB 1 MLMLVILLVAVPVGQFARTPRPIIFLOPPMTTVFQGERVTLTCKGRFYSPOKTKMYHR 60

QY 61 YLCKEILRETDPNILEVQESGEYRCQAQSPSSPVHLDFSSASLILQAPLSVEGDSVY 120
DB 61 YLCKEILRETDPNILEVQESGEYRCQAQSPSSPVHLDFSSASLILQAPLSVEGDSVY 120
QY 121 LRCRAAEVTLANTTIYKNDNVLAFLNKRTDFH1PHACLKONGAYRCGYKESCCPVSSNT 180
DB 121 LRCRAAEVTLANTTIYKNDNVLAFLNKRTDFH1PHACLKONGAYRCGYKESCCPVSSNT 180
QY 181 VKIQVQEPPTRPVLRASSFOPISGNPVTLTCEQOLSLERSDVPRLRFRFRDDOTLGLGWS 240
DB 181 VKIQVQEPPTRPVLRASSFOPISGNPVTLTCEQOLSLERSDVPRLRFRFRDDOTLGLGWS 240
QY 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSV1SDSPRSWIOVQIPASHPVLTLSPEKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCCKAATMPHSV1SDSPRSWIOVQIPASHPVLTLSPEKALNFE 300
QY 301 GTKVTLHCEQEDSLRTLYRFHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
DB 301 GTKVTLHCEQEDSLRTLYRFHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
QY 361 LGAKPSKAVSLSTVPSHVLNLSPEBDLIFEGAKVTLHCEAQRGSLPILYQFHEDAA 420
DB 361 LGAKPSKAVSLSTVPSHVLNLSPEBDLIFEGAKVTLHCEAQRGSLPILYQFHEDAA 420
QY 421 LERRANSAGVAILSFSLTAHSGNYYCTADNGFGPQRSKAVSLSTVPSHVLTLSSA 480
DB 421 LERRANSAGVAILSFSLTAHSGNYYCTADNGFGPQRSKAVSLSTVPSHVLTLSSA 480
QY 481 EALTPEGATVTLHCEVQGRSPQILYQFYHEDMPL 514
DB 481 EALTPEGATVTLHCEVQGRSPQILYQFYHEDMPL 514

RESULT 10

US-10-764-324-10460
; Sequence 10460, Application US/10764324
; Publication No. US2004017579A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013520US
; CURRENT APPLICATION NUMBER: US/10/764,324
; PRIOR FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US/10/040,862
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 10467
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10460

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; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-764-324-10460

Query Match      86.8%; Score 514; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLWVILLVLA PVSQGPARTPRPIIFLOPWTYYQGERVTLTKGFRFSPQKTYNR 60
DB 1 MLWVILLVLA PVSQGPARTPRPIIFLOPWTYYQGERVTLTKGFRFSPQKTYNR 60
QY 61 YLGRKILRETPDNLLEVOESGEYRCQAQSSPLSSPVHLDPSSASLIIOAPLSVFEBSDVY 120
DB 61 YLGRKILRETPDNLLEVOESGEYRCQAQSSPLSSPVHLDPSSASLIIOAPLSVFEBSDVY 120
QY 121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTPFIHPACIKONGAYRCCTGYKESCCPVSSNT 180
DB 121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTPFIHPACIKONGAYRCCTGYKESCCPVSSNT 180
QY 181 VKIQOEPFTRPVLRASSFQPIISGNPVTLTCTQLSLERSDVPURFRFRDQTLGLGMS 240
DB 181 VKIQOEPFTRPVLRASSFQPIISGNPVTLTCTQLSLERSDVPURFRFRDQTLGLGMS 240
QY 241 LSPNFOITAMWSKDSGFYWCCKATMPHSVYISDPSPSMWIQVOIPASHVVLTLSPKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCCKATMPHSVYISDPSPSMWIQVOIPASHVVLTLSPKALNFE 300
QY 301 GKTVTLHCETQEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
DB 301 GKTVTLHCETQEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
QY 361 LGAKPSKAVSLSTVVPVSHPVNLNLSPEDLIPEGAKVTLHCEAORGSPLTYOFHHEDA 420
DB 361 LGAKPSKAVSLSTVVPVSHPVNLNLSPEDLIPEGAKVTLHCEAORGSPLTYOFHHEDA 420
QY 421 LERRSANSAGVAISFSLTNEHSNNTCTADNGFGPORSKAVSLSTVVPVSHVLTLSA 480
DB 421 LERRSANSAGVAISFSLTNEHSNNTCTADNGFGPORSKAVSLSTVVPVSHVLTLSA 480
QY 481 EALTPEGATVTLHCEVORSGSPQILTYOFHEDMPL 514
DB 481 EALTPEGATVTLHCEVORSGSPQILTYOFHEDMPL 514

RESULT 11
; US-10-040-862-10462
; Sequence 10462, Application US/10040862
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Aligier, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013520US
; CURRENT APPLICATION NUMBER: US/10/040, 862
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01

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; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/223,378
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: US 09/796,692
; PRIOR FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 10467
; SOFTWARE: fastseq for windows Version 3.0
; SEQ ID NO 10462
; LENGTH: 977
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-040-862-10462

Query Match      86.8%; Score 514; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLWVILLVLA PVSQGPARTPRPIIFLOPWTYYQGERVTLTKGFRFSPQKTYNR 60
DB 1 MLWVILLVLA PVSQGPARTPRPIIFLOPWTYYQGERVTLTKGFRFSPQKTYNR 60
QY 61 YLGRKILRETPDNLLEVOESGEYRCQAQSSPLSSPVHLDPSSASLIIOAPLSVFEBSDVY 120
DB 61 YLGRKILRETPDNLLEVOESGEYRCQAQSSPLSSPVHLDPSSASLIIOAPLSVFEBSDVY 120
QY 121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTPFIHPACIKONGAYRCCTGYKESCCPVSSNT 180
DB 121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTPFIHPACIKONGAYRCCTGYKESCCPVSSNT 180
QY 181 VKIQOEPFTRPVLRASSFQPIISGNPVTLTCTQLSLERSDVPURFRFRDQTLGLGMS 240
DB 181 VKIQOEPFTRPVLRASSFQPIISGNPVTLTCTQLSLERSDVPURFRFRDQTLGLGMS 240
QY 241 LSPNFOITAMWSKDSGFYWCCKATMPHSVYISDPSPSMWIQVOIPASHVVLTLSPKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCCKATMPHSVYISDPSPSMWIQVOIPASHVVLTLSPKALNFE 300
QY 301 GKTVTLHCETQEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
DB 301 GKTVTLHCETQEDSLRTLYRFYHGVPLRHKSVRCERGASISFSLTTENSGNYCTADNG 360
QY 361 LGAKPSKAVSLSTVVPVSHPVNLNLSPEDLIPEGAKVTLHCEAORGSPLTYOFHHEDA 420
DB 361 LGAKPSKAVSLSTVVPVSHPVNLNLSPEDLIPEGAKVTLHCEAORGSPLTYOFHHEDA 420
QY 421 LERRSANSAGVAISFSLTNEHSNNTCTADNGFGPORSKAVSLSTVVPVSHVLTLSA 480
DB 421 LERRSANSAGVAISFSLTNEHSNNTCTADNGFGPORSKAVSLSTVVPVSHVLTLSA 480
QY 481 EALTPEGATVTLHCEVORSGSPQILTYOFHEDMPL 514
DB 481 EALTPEGATVTLHCEVORSGSPQILTYOFHEDMPL 514

RESULT 12
; US-10-241-220-97
; Sequence 97, Application US/10241220
; GENERAL INFORMATION:
; APPLICANT: Prantz, Gretchen
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Phillips, Heidi
; APPLICANT: Polakis, Paul
; APPLICANT: Spencer, Susan

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; APPLICANT: Williams, P. Mickey
; APPLICANT: Wu, Thomas
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE OF INVENTION: TREATMENT OF TUMOR
; FILE REFERENCE: P5010R1-US
; CURRENT APPLICATION NUMBER: US/10/241,220
; CURRENT FILING DATE: 2002-12-13
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 97
; LENGTH: 977
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-241-220-97

Query Match      86.8%; Score 514; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMLVLLVLAAPVSGQFARTPRPIIFLOPMTTVFQGEVTLTKGFRFYSPOKTKMYHR 60
DB 1 MLMLVLLVLAAPVSGQFARTPRPIIFLOPMTTVFQGEVTLTKGFRFYSPOKTKMYHR 60
QY 61 YLAGEKILRETPDNLLEVOSSGEYRCQAQSSPLSPVHLDPSSASLILQAPLSVFEQDSV 120
DB 61 YLAGEKILRETPDNLLEVOSSGEYRCQAQSSPLSPVHLDPSSASLILQAPLSVFEQDSV 120
QY 121 LRCRAAEVTLNNTIYKDNVLAFLNKRTPFHIPACLKONGAYRCTGYKESCCPVSSNT 180
DB 121 LRCRAAEVTLNNTIYKDNVLAFLNKRTPFHIPACLKONGAYRCTGYKESCCPVSSNT 180
QY 181 VKIQVQEPFTRPVLRASSFQISGNPVTLTCETQSLERSDVPILRFRFRDDDTGLGWS 240
DB 181 VKIQVQEPFTRPVLRASSFQISGNPVTLTCETQSLERSDVPILRFRFRDDDTGLGWS 240
QY 241 LSPNFOITAMWSKDSGFYWCKAATMPHSVSDSPRSWIOVQIPASHPVLTLSPEKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCKAATMPHSVSDSPRSWIOVQIPASHPVLTLSPEKALNFE 300
QY 301 GTKVTLHCETOEDSLTLRYFYHGVPLRHKSVRCERGASISFSLTTEGNGNYCTADNG 360
DB 301 GTKVTLHCETOEDSLTLRYFYHGVPLRHKSVRCERGASISFSLTTEGNGNYCTADNG 360
QY 361 LGAKPKAVSLSTVVSHPVNLSSPEDLIFEGAKVTLHCEAQRGSLPLVQFHHEDA 420
DB 361 LGAKPKAVSLSTVVSHPVNLSSPEDLIFEGAKVTLHCEAQRGSLPLVQFHHEDA 420
QY 421 LERRSANSAGVAISFSLTAHSGNYYCTADNGFGQSRKAVSLSTVVSHPVLTLSA 480
DB 421 LERRSANSAGVAISFSLTAHSGNYYCTADNGFGQSRKAVSLSTVVSHPVLTLSA 480
QY 481 EALTPEGATVTLHCEVORSGPOLLYQFYHEDMPL 514
DB 481 EALTPEGATVTLHCEVORSGPOLLYQFYHEDMPL 514

RESULT 13
US-10-057-475B-10462
; Sequence 10462, Application US/10057475B
; Publication No. US20040002068A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Clapper, Jonathan David
; APPLICANT: Wang, Aijun
; APPLICANT: Ordonez, Nadia
; APPLICANT: Carter, Lauren
; APPLICANT: McNeill, Patricia Dianne
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-014402US
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; CURRENT APPLICATION NUMBER: US/10/057,475B
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 10979
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10462
; LENGTH: 977
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-475B-10462

Query Match      86.8%; Score 514; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMLVLLVLAAPVSGQFARTPRPIIFLOPMTTVFQGEVTLTKGFRFYSPOKTKMYHR 60
DB 1 MLMLVLLVLAAPVSGQFARTPRPIIFLOPMTTVFQGEVTLTKGFRFYSPOKTKMYHR 60
QY 61 YLAGEKILRETPDNLLEVOSSGEYRCQAQSSPLSPVHLDPSSASLILQAPLSVFEQDSV 120
DB 61 YLAGEKILRETPDNLLEVOSSGEYRCQAQSSPLSPVHLDPSSASLILQAPLSVFEQDSV 120
QY 121 LRCRAAEVTLNNTIYKDNVLAFLNKRTPFHIPACLKONGAYRCTGYKESCCPVSSNT 180
DB 121 LRCRAAEVTLNNTIYKDNVLAFLNKRTPFHIPACLKONGAYRCTGYKESCCPVSSNT 180
QY 181 VKIQVQEPFTRPVLRASSFQISGNPVTLTCETQSLERSDVPILRFRFRDDDTGLGWS 240
DB 181 VKIQVQEPFTRPVLRASSFQISGNPVTLTCETQSLERSDVPILRFRFRDDDTGLGWS 240
QY 241 LSPNFOITAMWSKDSGFYWCKAATMPHSVSDSPRSWIOVQIPASHPVLTLSPEKALNFE 300
DB 241 LSPNFOITAMWSKDSGFYWCKAATMPHSVSDSPRSWIOVQIPASHPVLTLSPEKALNFE 300
QY 301 GTKVTLHCETOEDSLTLRYFYHGVPLRHKSVRCERGASISFSLTTEGNGNYCTADNG 360
DB 301 GTKVTLHCETOEDSLTLRYFYHGVPLRHKSVRCERGASISFSLTTEGNGNYCTADNG 360
QY 361 LGAKPKAVSLSTVVSHPVNLSSPEDLIFEGAKVTLHCEAQRGSLPLVQFHHEDA 420
DB 361 LGAKPKAVSLSTVVSHPVNLSSPEDLIFEGAKVTLHCEAQRGSLPLVQFHHEDA 420
QY 421 LERRSANSAGVAISFSLTAHSGNYYCTADNGFGQSRKAVSLSTVVSHPVLTLSA 480
DB 421 LERRSANSAGVAISFSLTAHSGNYYCTADNGFGQSRKAVSLSTVVSHPVLTLSA 480
QY 481 EALTPEGATVTLHCEVORSGPOLLYQFYHEDMPL 514
DB 481 EALTPEGATVTLHCEVORSGPOLLYQFYHEDMPL 514

RESULT 14
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US-10-154-884B-10462
/ Sequence 10462, Application US/10154884B
/ Publication No. US2004000561A1
/ GENERAL INFORMATION:
/ APPLICANT: Gaiger, Alexander
/ APPLICANT: Mannion, Jane A.
/ APPLICANT: Algate, Paul A.
/ APPLICANT: Retter, Marc W.
/ APPLICANT: Corixa Corporation
/ TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
/ TITLE OF INVENTION: Hematological Malignancies
/ FILE REFERENCE: 014058-013521US
/ CURRENT FILING DATE: 2002-05-23
/ PRIOR APPLICATION NUMBER: US 60/186,126
/ PRIOR FILING DATE: 2000-03-01
/ PRIOR APPLICATION NUMBER: US 60/190,479
/ PRIOR FILING DATE: 2000-03-17
/ PRIOR APPLICATION NUMBER: US 60/200,545
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: US 60/200,303
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,779
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,999
/ PRIOR FILING DATE: 2000-05-01
/ PRIOR APPLICATION NUMBER: US 60/202,084
/ PRIOR FILING DATE: 2000-05-04
/ PRIOR APPLICATION NUMBER: US 60/206,201
/ PRIOR FILING DATE: 2000-05-22
/ PRIOR APPLICATION NUMBER: US 60/218,950
/ PRIOR FILING DATE: 2000-07-14
/ PRIOR APPLICATION NUMBER: US 60/222,903
/ PRIOR FILING DATE: 2000-08-03
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 11290
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 10462
/ LENGTH: 977
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-154-884B-10462

Query Match      86.8%; Score 514; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MLNWLILVLAIPVSGGFARTPRPIIFLOPPTTVFOGERVTLTCKGFRFYSPOKTKMYR 60
DB      1 MLNWLILVLAIPVSGGFARTPRPIIFLOPPTTVFOGERVTLTCKGFRFYSPOKTKMYR 60
QY      61 YLGEKILRETPDNILAEVQESGEYRCAQGSPLSSPVHLDFSSASLILQAPLSEFGDSV 120
DB      61 YLGEKILRETPDNILAEVQESGEYRCAQGSPLSSPVHLDFSSASLILQAPLSEFGDSV 120
QY      121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTDPFI PHACIKONGAYRCTGYKSCCPVSSNT 180
DB      121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTDPFI PHACIKONGAYRCTGYKSCCPVSSNT 180
QY      121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTDPFI PHACIKONGAYRCTGYKSCCPVSSNT 180
DB      121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTDPFI PHACIKONGAYRCTGYKSCCPVSSNT 180
QY      181 VKIQVQEPFTRPVLRASSFQPSIGNPVTLTCTQLSLERSVPLRRFRFDDDTGLGMS 240
DB      181 VKIQVQEPFTRPVLRASSFQPSIGNPVTLTCTQLSLERSVPLRRFRFDDDTGLGMS 240
QY      241 LSPNQITTAAMS KDSGFYCKKATMPHSVSDSPRMTIOVQIPASHVLTLSPEKLANE 300
DB      241 LSPNQITTAAMS KDSGFYCKKATMPHSVSDSPRMTIOVQIPASHVLTLSPEKLANE 300
QY      301 GTRVTLHCEQEDSLTLTYRFHGVPLRHSVRCERGASISPSLTENSGNYCTADNG 360
DB      301 GTRVTLHCEQEDSLTLTYRFHGVPLRHSVRCERGASISPSLTENSGNYCTADNG 360
QY      361 LGAKPSKAVSLSTVTPVSHPVNLSSPEDLIFEGAKVTLLHCEAQRGSLPTLYQFHEDAA 420
DB      361 LGAKPSKAVSLSTVTPVSHPVNLSSPEDLIFEGAKVTLLHCEAQRGSLPTLYQFHEDAA 420

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DB      361 LGAKPSKAVSLSTVTPVSHPVNLSSPEDLIFEGAKVTLLHCEAQRGSLPTLYQFHEDAA 420
QY      421 LERRSANSAGVAISFSLTAHSGNYCTADNGFGORSKAVSLSTVTPVSHPVLTLSA 480
DB      421 LERRSANSAGVAISFSLTAHSGNYCTADNGFGORSKAVSLSTVTPVSHPVLTLSA 480
QY      481 EALTPEGATVTLHCEVQRGSPOLIYQFYHEDMPL 514
DB      481 EALTPEGATVTLHCEVQRGSPOLIYQFYHEDMPL 514

RESULT 15
US-10-403-847-9
/ Sequence 9, Application US/10403847
/ Publication No. US20040030098A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING NOVEL TWO SPLICED VARIANTS OF A HUMAN
/ TITLE OF INVENTION: CELL SURFACE PROTEIN WITH IMMUNOLOGICAL FOLDS, BGSSG AND BGSSI
/ FILE REFERENCE: D0228 NP
/ CURRENT FILING DATE: 2003-03-28
/ PRIOR APPLICATION NUMBER: US 60/368,671
/ PRIOR FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: U.S. 60/371,420
/ PRIOR FILING DATE: 2002-04-10
/ NUMBER OF SEQ ID NOS: 156
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 9
/ LENGTH: 977
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-403-847-9

Query Match      86.8%; Score 514; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MLNWLILVLAIPVSGGFARTPRPIIFLOPPTTVFOGERVTLTCKGFRFYSPOKTKMYR 60
DB      1 MLNWLILVLAIPVSGGFARTPRPIIFLOPPTTVFOGERVTLTCKGFRFYSPOKTKMYR 60
QY      61 YLGEKILRETPDNILAEVQESGEYRCAQGSPLSSPVHLDFSSASLILQAPLSEFGDSV 120
DB      61 YLGEKILRETPDNILAEVQESGEYRCAQGSPLSSPVHLDFSSASLILQAPLSEFGDSV 120
QY      121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTDPFI PHACIKONGAYRCTGYKSCCPVSSNT 180
DB      121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTDPFI PHACIKONGAYRCTGYKSCCPVSSNT 180
QY      121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTDPFI PHACIKONGAYRCTGYKSCCPVSSNT 180
DB      121 LRCRAKAEVTLNNTIYKNDNVLAFLNKRTDPFI PHACIKONGAYRCTGYKSCCPVSSNT 180
QY      181 VKIQVQEPFTRPVLRASSFQPSIGNPVTLTCTQLSLERSVPLRRFRFDDDTGLGMS 240
DB      181 VKIQVQEPFTRPVLRASSFQPSIGNPVTLTCTQLSLERSVPLRRFRFDDDTGLGMS 240
QY      241 LSPNQITTAAMS KDSGFYCKKATMPHSVSDSPRMTIOVQIPASHVLTLSPEKLANE 300
DB      241 LSPNQITTAAMS KDSGFYCKKATMPHSVSDSPRMTIOVQIPASHVLTLSPEKLANE 300
QY      301 GTRVTLHCEQEDSLTLTYRFHGVPLRHSVRCERGASISPSLTENSGNYCTADNG 360
DB      301 GTRVTLHCEQEDSLTLTYRFHGVPLRHSVRCERGASISPSLTENSGNYCTADNG 360
QY      361 LGAKPSKAVSLSTVTPVSHPVNLSSPEDLIFEGAKVTLLHCEAQRGSLPTLYQFHEDAA 420
DB      361 LGAKPSKAVSLSTVTPVSHPVNLSSPEDLIFEGAKVTLLHCEAQRGSLPTLYQFHEDAA 420
QY      421 LERRSANSAGVAISFSLTAHSGNYCTADNGFGORSKAVSLSTVTPVSHPVLTLSA 480
DB      421 LERRSANSAGVAISFSLTAHSGNYCTADNGFGORSKAVSLSTVTPVSHPVLTLSA 480
QY      481 EALTPEGATVTLHCEVQRGSPOLIYQFYHEDMPL 514
DB      481 EALTPEGATVTLHCEVQRGSPOLIYQFYHEDMPL 514

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Search completed: February 17, 2006, 07:02:10
Job time : 143.924 secs

November 2005

Published_Applications_Nucleic Acid and Published_Applications_Amino Acid database searches now generate two sets of results each. The Published_Applications_databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published_Applications_New databases: older published applications make up the Published_Applications_Main databases.

Searches run against Nucleic Acid Published_Applications produce two sets of results, with the extensions **.rnpbm** (Published_Applications_NA_Main) and **.rnpbn** (Published_Applications_NA_New). Searches run against Amino Acid Published_Applications produce two sets of results, with the extensions **.rapbm** (Published_Applications_AA_Main) and **.rapbn** (Published_Applications_AA_New).

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QY 301 GTTATLHCEVQESLRTLTPTFHGVPRLRKSVCRCGASISFSLTTNSGNYCTADNG 360
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DB 301 GTTATLHCEVQESLRTLTPTFHGVPRLRKSVCRCGASISFSLTTNSGNYCTADNG 360
361 LGAKPSKAVSLSTVPVSHVNLNISPEDLIFEGAKYTLHCEVQESLPTLYOFHEDDA 420
361 LGAKPSKAVSLSTVPVSHVNLNISPEDLIFEGAKYTLHCEVQESLPTLYOFHEDDA 420
QY 421 LERRANSAGVAISFSLTAEHSGNYYCTADNGFPQRSAVSLSTVPVSHVNLNLSA 480
421 LERRANSAGVAISFSLTAEHSGNYYCTADNGFPQRSAVSLSTVPVSHVNLNLSA 480
DB 421 LERRANSAGVAISFSLTAEHSGNYYCTADNGFPQRSAVSLSTVPVSHVNLNLSA 480
QY 481 EALTPEGATVTLHCEVQESLPTLYOFHEDMPL 514
481 EALTPEGATVTLHCEVQESLPTLYOFHEDMPL 514
DB 481 EALTPEGATVTLHCEVQESLPTLYOFHEDMPL 514

RESULT 2
US-10-514-534-9
; Sequence 9, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 9
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-514-534-9

Query Match 1.7%; Score 10; DB 6; Length 192;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 437 SLTAEHSGNY 446
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DB 104 SLTAEHSGNY 113

RESULT 3
US-10-514-534-8
; Sequence 8, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 8
; LENGTH: 255
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-514-534-8

Query Match 1.7%; Score 10; DB 6; Length 255;
Best Local Similarity 100.0%; Pred. No. 0.031;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 4
US-10-514-534-6
; Sequence 6, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6
; LENGTH: 341
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-514-534-6

Query Match 1.7%; Score 10; DB 6; Length 341;
Best Local Similarity 100.0%; Pred. No. 0.04;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 437 SLTAEHSGNY 446
|||
DB 104 SLTAEHSGNY 113

RESULT 5
US-10-514-534-7
; Sequence 7, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 7
; LENGTH: 508
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-514-534-7

Query Match 1.7%; Score 10; DB 6; Length 508;
Best Local Similarity 100.0%; Pred. No. 0.059;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 437 SLTAEHSGNY 446
|||
DB 357 SLTAEHSGNY 366

RESULT 6
US-11-093-274-41
; Sequence 41, Application US/11093274
; Publication No. US2005026008A1
; GENERAL INFORMATION:
; APPLICANT: Graziano, Robert
; APPLICANT: Cardarelli, Josephine M.
; APPLICANT: Kempe, Thomas
; APPLICANT: Cutler, Beth
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: IRTA-5 ANTIBODIES AND THEIR USES
; FILE REFERENCE: 04280/1201101-US1
; CURRENT APPLICATION NUMBER: US/11/093,274
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; CURRENT FILING DATE: 2005-03-28
; PRIOR APPLICATION NUMBER: 60/557,741
; PRIOR FILING DATE: 2004-03-29
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41
; LENGTH: 508
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-093-274-41

Query Match
Best Local Similarity 1.7%; Score 10; DB 7; Length 508;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 437 SLTAHSGNY 446
DB 357 SLTAHSGNY 366

RESULT 7
US-11-093-274-40
; Sequence 40, Application US/11093274
; Publication No. US2005026608A1
; GENERAL INFORMATION:
; APPLICANT: Graziano, Robert
; APPLICANT: Cardarelli, Josephine M.
; APPLICANT: Kempe, Thomas
; APPLICANT: Cutler, Beth
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: RITA-5 ANTIBODIES AND THEIR USES
; FILE REFERENCE: 04280/1201101-US1
; CURRENT APPLICATION NUMBER: US/11/093,274
; PRIOR FILING DATE: 2005-03-28
; PRIOR APPLICATION NUMBER: 60/557,741
; PRIOR FILING DATE: 2004-03-29
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40
; LENGTH: 734
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-093-274-40

Query Match
Best Local Similarity 1.7%; Score 10; DB 7; Length 734;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 437 SLTAHSGNY 446
DB 440 SLTAHSGNY 449

RESULT 8
US-11-149-943-56
; Sequence 56, Application US/11149943
; Publication No. US20060003412A1
; GENERAL INFORMATION:
; APPLICANT: Chamberlain, Aaron Keith
; APPLICANT: Desjarlais, John R.
; TITLE OF INVENTION: PROTEIN ENGINEERING WITH ANALOGOUS CONTACT ENVIRONMENTS
; FILE REFERENCE: 18593/US/3
; CURRENT APPLICATION NUMBER: US/11/149,943
; PRIOR FILING DATE: 2005-06-09
; PRIOR APPLICATION NUMBER: US 60/602,566
; PRIOR FILING DATE: 2004-08-17
; PRIOR APPLICATION NUMBER: US 11/008,647
; PRIOR FILING DATE: 2004-12-08
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 56
; LENGTH: 107
; TYPE: PRT
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; ORGANISM: Mus musculus
US-11-149-943-56

Query Match
Best Local Similarity 1.5%; Score 9; DB 7; Length 107;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERYTLCK 45
DB 16 GERYTLCK 24

RESULT 9
US-11-010-748A-612
; Sequence 612, Application US/11010748A
; Publication No. US2005024421A1
; GENERAL INFORMATION:
; APPLICANT: Merck Patent GmbH
; APPLICANT: STRITTMAYER, Wolfgang
; APPLICANT: MOLL, Heidemarie
; APPLICANT: SCHMID, Bernhard
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING IMMUNE RESPONSE
; FILE REFERENCE: MER-136
; CURRENT APPLICATION NUMBER: US/11/010,748A
; PRIOR FILING DATE: 2004-12-13
; PRIOR APPLICATION NUMBER: PCT/EP03/06251
; PRIOR FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: EP02013423.5
; PRIOR FILING DATE: 2002-06-13
; NUMBER OF SEQ ID NOS: 926
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 612
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HLA-binding peptide of Seq. No. 611
US-11-010-748A-612

Query Match
Best Local Similarity 1.4%; Score 8; DB 7; Length 9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 89 GSPLSFPV 96
DB 2 GSPLSFPV 9

RESULT 10
US-11-010-748A-636
; Sequence 636, Application US/11010748A
; Publication No. US2005024421A1
; GENERAL INFORMATION:
; APPLICANT: Merck Patent GmbH
; APPLICANT: STRITTMAYER, Wolfgang
; APPLICANT: MOLL, Heidemarie
; APPLICANT: SCHARM, Burkhard
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING IMMUNE RESPONSE
; FILE REFERENCE: MER-136
; CURRENT APPLICATION NUMBER: US/11/010,748A
; PRIOR FILING DATE: 2004-12-13
; PRIOR APPLICATION NUMBER: PCT/EP03/06251
; PRIOR FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: EP02013423.5
; PRIOR FILING DATE: 2002-06-13
; NUMBER OF SEQ ID NOS: 926
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 636
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HLA-binding peptide of Seq. No. 611
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US-11-010-748A-636

Query Match 1.4%; Score 8; DB 7; Length 9;
Best Local Similarity 100.0%; Pred. No. 7.7e+04;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 89 GSPLSSPV 96
DB 1 GSPLSSPV 8

RESULT 11

US-11-010-748A-645
Sequence 645, Application US/11010748A
Publication No. US20050244421A1
GENERAL INFORMATION:
APPLICANT: Merck Patent GmbH
APPLICANT: STRITTMAYER, Wolfgang
APPLICANT: MOLL, Heidrun
APPLICANT: SCHARM, Burkhard
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING IMMUNE RESPONSE
FILE REFERENCE: MER-136
CURRENT APPLICATION NUMBER: US/11/010,748A
CURRENT FILING DATE: 2004-12-13
PRIOR APPLICATION NUMBER: PCT/EP03/06251
PRIOR FILING DATE: 2003-06-13
PRIOR APPLICATION NUMBER: EP02013423.5
PRIOR FILING DATE: 2002-06-13
NUMBER OF SEQ ID NOS: 926
SOFTWARE: PatentIn version 3.1
SEQ ID NO 645
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: HLA-binding peptide of Seq. No. 642
US-11-010-748A-645

Query Match 1.4%; Score 8; DB 7; Length 9;
Best Local Similarity 100.0%; Pred. No. 7.7e+04;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 89 GSPLSSPV 96
DB 2 GSPLSSPV 9

RESULT 12

US-11-010-748A-667
Sequence 667, Application US/11010748A
Publication No. US20050244421A1
GENERAL INFORMATION:
APPLICANT: Merck Patent GmbH
APPLICANT: STRITTMAYER, Wolfgang
APPLICANT: MOLL, Heidrun
APPLICANT: SCHARM, Burkhard
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING IMMUNE RESPONSE
FILE REFERENCE: MER-136
CURRENT APPLICATION NUMBER: US/11/010,748A
CURRENT FILING DATE: 2004-12-13
PRIOR APPLICATION NUMBER: PCT/EP03/06251
PRIOR FILING DATE: 2003-06-13
PRIOR APPLICATION NUMBER: EP02013423.5
PRIOR FILING DATE: 2002-06-13
NUMBER OF SEQ ID NOS: 926
SOFTWARE: PatentIn version 3.1
SEQ ID NO 667
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: HLA-binding peptide of Seq. No. 642
US-11-010-748A-667

Query Match 1.4%; Score 8; DB 7; Length 9;
Best Local Similarity 100.0%; Pred. No. 7.7e+04;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 89 GSPLSSPV 96
DB 1 GSPLSSPV 8

RESULT 13

US-11-010-748A-611
Sequence 611, Application US/11010748A
Publication No. US20050244421A1
GENERAL INFORMATION:
APPLICANT: Merck Patent GmbH
APPLICANT: STRITTMAYER, Wolfgang
APPLICANT: MOLL, Heidrun
APPLICANT: SCHARM, Burkhard
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING IMMUNE RESPONSE
FILE REFERENCE: MER-136
CURRENT APPLICATION NUMBER: US/11/010,748A
CURRENT FILING DATE: 2004-12-13
PRIOR APPLICATION NUMBER: PCT/EP03/06251
PRIOR FILING DATE: 2003-06-13
PRIOR APPLICATION NUMBER: EP02013423.5
PRIOR FILING DATE: 2002-06-13
NUMBER OF SEQ ID NOS: 926
SOFTWARE: PatentIn version 3.1
SEQ ID NO 611
LENGTH: 33
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: "Deemin" peptide fragment
US-11-010-748A-611

Query Match 1.4%; Score 8; DB 7; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.44;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 89 GSPLSSPV 96
DB 13 GSPLSSPV 20

RESULT 14

US-11-010-748A-642
Sequence 642, Application US/11010748A
Publication No. US20050244421A1
GENERAL INFORMATION:
APPLICANT: Merck Patent GmbH
APPLICANT: STRITTMAYER, Wolfgang
APPLICANT: MOLL, Heidrun
APPLICANT: SCHARM, Burkhard
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING IMMUNE RESPONSE
FILE REFERENCE: MER-136
CURRENT APPLICATION NUMBER: US/11/010,748A
CURRENT FILING DATE: 2004-12-13
PRIOR APPLICATION NUMBER: PCT/EP03/06251
PRIOR FILING DATE: 2003-06-13
PRIOR APPLICATION NUMBER: EP02013423.5
PRIOR FILING DATE: 2002-06-13
NUMBER OF SEQ ID NOS: 926
SOFTWARE: PatentIn version 3.1
SEQ ID NO 642
LENGTH: 33
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: "Deemin" peptide fragment
US-11-010-748A-642

Query Match 1.4%; Score 8; DB 7; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.44;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 89 GSPSSPV 96
Db 13 GSPSSPV 20

RESULT 15

US-11-174-186-7
Sequence 7, Application US/11174186
Publication No. US2005024418A1
GENERAL INFORMATION:
APPLICANT: Gillies, Stephen
APPLICANT: Lo, Kin-Ming
APPLICANT: Qian, Xing
TITLE OF INVENTION: Recombinant Tumor Specific Antibody and Use Thereof
FILE REFERENCE: LEX-019
CURRENT APPLICATION NUMBER: US/11/174,186
CURRENT FILING DATE: 2005-07-01
PRIOR APPLICATION NUMBER: US 60/288,564
PRIOR FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn version 3.3
SEQ ID NO 7
LENGTH: 106
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: VK6 light chain
US-11-174-186-7

Query Match 1.4%; Score 8; DB 7; Length 106;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GERVLTIC 44
Db 16 GERVLTIC 23

Search completed: February 17, 2006, 07:02:41
Job time : 13.6371 secs

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GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 17, 2006, 06:37:40, Search time 10.3642 Seconds
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1624.177 Million cell updates/sec

Title: US-09-724-254a-44_COPY_556_759

Perfect score: 204

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Minimum DB seq length: 0

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	138	67.6	1248	US-09-949-016-10596	Sequence 10596, A
3	138	67.6	1248	US-09-949-016-10596	Sequence 126, App
4	138	67.6	1248	US-09-949-016-10596	Sequence 2940, App
5	138	67.6	1248	US-09-949-016-10596	Sequence 12366, A
6	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
7	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
8	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
9	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
10	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
11	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
12	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
13	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
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15	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
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19	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
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23	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
24	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
25	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
26	138	67.6	1248	US-09-949-016-10596	Sequence 158, App
27	138	67.6	1248	US-09-949-016-10596	Sequence 158, App

28	7	3.4	480	2	US-09-252-991A-26799	Sequence 26799, A
29	7	3.4	497	2	US-09-134-000C-5990	Sequence 5990, App
30	7	3.4	639	2	US-09-252-991A-24474	Sequence 24474, A
31	7	3.4	742	2	US-09-252-991A-32659	Sequence 32659, A
32	7	3.4	807	2	US-09-081-345-2	Sequence 2, App11
33	7	3.4	807	2	US-09-822-295-2	Sequence 2, App11
34	7	3.4	969	2	US-09-198-452A-501	Sequence 4501, App
35	7	3.4	969	2	US-09-438-185A-469	Sequence 469, App
36	7	3.4	1008	2	US-09-252-991A-19329	Sequence 19329, A
37	6	2.9	10	2	US-09-313-942-6	Sequence 6, App11
38	6	2.9	10	2	US-10-282-162-6	Sequence 12, App11
39	6	2.9	15	2	US-09-719-243-12	Sequence 287, App
40	6	2.9	26	1	US-07-942-245-287	Sequence 310, App
41	6	2.9	26	1	US-07-942-245-310	Sequence 311, App
42	6	2.9	26	1	US-07-942-245-311	Sequence 312, App
43	6	2.9	26	1	US-07-942-245-312	Sequence 313, App
44	6	2.9	26	1	US-07-942-245-313	Sequence 314, App
45	6	2.9	26	1	US-07-942-245-314	Sequence 315, App

ALIGNMENTS

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RESULT 1
US-09-949-016-10595
Sequence 10595, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION: J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMERIZABLES IN KNOWN GENES ASSOCIATED
WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: C0001307
CURRENT FILING DATE: US/09/949,016
PRIOR FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 10595
LENGTH: 1248
TYPE: PRT
ORGANISM: Human
US-09-949-016-10595

Query Match      67.6%; Score 138; DB 2; Length 1248;
Best Local Similarity 100.0%; Pred. No. 1.5e-120;
Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      8 VSRLTLRVPRQAQAVVGDLELHCCEAPRGSPILYWFYHEDVTLGSSNAPSGCEASFWL 67
      |||
Db      1036 VSRLTLRVPRQAQAVVGDLELHCCEAPRGSPILYWFYHEDVTLGSSNAPSGCEASFWL 1095

Cy      68 SLTSHSGNTSCENNGVLVAOHSDTISLIVPVSRLTLRVPRQAQAVVGDLELHCCEA 127
      |||
Db      1096 SLTSHSGNTSCENNGVLVAOHSDTISLIVPVSRLTLRVPRQAQAVVGDLELHCCEA 1155

Cy      128 LRGSPLTYWFYHEDVTL 145
      |||
Db      1156 LRGSPLTYWFYHEDVTL 1173

RESULT 2
US-09-949-016-10596
Sequence 10596, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION: J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMERIZABLES IN KNOWN GENES ASSOCIATED
WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

```

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FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 10596
; LENGTH: 1248
; TYPE: PRT
; ORGANISM: Human
; US-09-949-016-10596

Query Match
Best Local Similarity 100.0%; Score 138; DB 2; Length 1248;
Pred. No. 1.5e-120; Mismatches 0; Indels 0; Gaps 0;
Matches 138; Conservative 0;

QY 8 VSRPILTLRVRAQAVVGDLLHLCEAPRGSPILYFYHEDVTLLGSSAPSGGASFNL 67
Db 1036 VSRPILTLRVRAQAVVGDLLHLCEAPRGSPILYFYHEDVTLLGSSAPSGGASFNL 1095
QY 68 SLTAEHSGNTSCENNGIVAOHSTTISLVTPVSRPILTPRARAQAVVGDLLHLCEA 127
Db 1096 SLTAEHSGNTSCENNGIVAOHSTTISLVTPVSRPILTPRARAQAVVGDLLHLCEA 1155
QY 128 LRGSPIYFYHEDVTLL 145
Db 1156 LRGSPIYFYHEDVTLL 1173

RESULT 3
US-09-800-729-126
; Sequence 126, Application US/09800729
; Patent No. 6605592
; GENERAL INFORMATION:
; APPLICANT: NI et al.
; TITLE OF INVENTION: 32 Human secreted proteins
; FILE REFERENCE: P2044P1
; CURRENT APPLICATION NUMBER: US/09/800,729
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: PCT/US00/26013
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 60/155,709
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 126
; LENGTH: 115
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (101)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (106)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; US-09-800-729-126

Query Match
Best Local Similarity 100.0%; Score 7; DB 2; Length 115;
Pred. No. 66; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 0;

QY 196 LPTSTST 202
Db 53 LPTSTST 59

RESULT 4
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US-10-104-047-2940
; Sequence 2940, Application US/10104047
; Patent No. 6943241
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. 6943241el full length cDNA
; FILE REFERENCE: H1-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2940
; LENGTH: 130
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-104-047-2940

Query Match
Best Local Similarity 100.0%; Score 7; DB 2; Length 130;
Pred. No. 74; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 0;

QY 54 SSSAPSG 60
Db 56 SSSAPSG 62

RESULT 5
US-09-489-039A-12366
; Sequence 12366, Application US/09489039A
; Patent No. 6610835
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 12366
; LENGTH: 147
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
; US-09-489-039A-12366

Query Match
Best Local Similarity 100.0%; Score 7; DB 2; Length 147;
Pred. No. 83; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 0;

QY 34 APRGSP 40
Db 87 APRGSP 93

RESULT 6
US-10-012-231A-158
; Sequence 158, Application US/10012231A
; Patent No. 6924355
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
```

```

; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C23
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-012-231A-158

Query Match
Best Local Similarity 100.0%; Score 7; DB 2; Length 163;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRAOAV 23
Db 15 VPRAOAV 21

RESULT 8
US-10-006-768A-158
; Sequence 158, Application US/10006768A
; Patent No. 6936697
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C48
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-389A-158

Query Match
Best Local Similarity 100.0%; Score 7; DB 2; Length 163;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRAOAV 23
Db 15 VPRAOAV 21

RESULT 9
US-10-015-671A-158
; Sequence 158, Application US/10015671A
; Patent No. 6946263
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C47
; CURRENT FILING DATE: 2001-12-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-671A-158

Query Match
Best Local Similarity 100.0%; Score 7; DB 2; Length 163;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRAOAV 23
Db 15 VPRAOAV 21
```

```

; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C10
; CURRENT FILING DATE: 2002-03-05
; NUMBER OF SEQ ID NOS: 477
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-768A-158

Query Match
Best Local Similarity 100.0%; Score 7; DB 2; Length 163;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRAOAV 23
Db 15 VPRAOAV 21

RESULT 9
US-10-015-671A-158
; Sequence 158, Application US/10015671A
; Patent No. 6946263
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C47
; CURRENT FILING DATE: 2001-12-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-671A-158

Query Match
Best Local Similarity 100.0%; Score 7; DB 2; Length 163;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRAOAV 23
Db 15 VPRAOAV 21
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RESULT 10
US-10-015-393A-158
; Sequence 158, Application US/10015393A
; Patent No. 6951737
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Botstein, David
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C22
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION: 2002-06-10
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-393A-158

Query Match
Best Local Similarity 100.0%; Pred. No. 92;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRQAV 23
Db 15 VPRQAV 21
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US-10-011-833A-158

Query Match
Best Local Similarity 100.0%; Pred. No. 92;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRQAV 23
Db 15 VPRQAV 21

RESULT 12
US-10-006-041A-158
; Sequence 158, Application US/10006041A
; Patent No. 6951921
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Botstein, David
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C8
; CURRENT FILING DATE: 2001-12-06
; PRIOR APPLICATION: 2001-12-06
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-041A-158

Query Match
Best Local Similarity 100.0%; Pred. No. 92;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRQAV 23
Db 15 VPRQAV 21

RESULT 13
US-10-012-064A-158
; Sequence 158, Application US/10012064A
; Patent No. 6953841
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Botstein, David
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C22
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION: 2002-06-25
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 158
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
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FILE REFERENCE: P2830P1C19
CURRENT APPLICATION NUMBER: US/10/012,064A
CURRENT FILING DATE: 2002-07-15
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO: 158
LENGTH: 163
TYPE: PRT
ORGANISM: Homo sapiens
US-10-012-064A-158

Query Match 3.4%; Score 7; DB 2; Length 163;
Best Local Similarity 100.0%; Pred. No. 92;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRQAV 23
DB 15 VPRQAV 21

RESULT 14
US-08-401-530A-6
Sequence 6, Application US/08401530A
Patent No. 5834590
GENERAL INFORMATION:
APPLICANT: Vinik, Aaron I.
APPLICANT: Piltenger, Gary L.
APPLICANT: Rataeloff, Ronit
APPLICANT: Rosenberg, Lawrence
APPLICANT: Duguid, William P.
TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
TITLE OF INVENTION: ISLET NEOGENESIS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSER: Banner & Allegretti
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/401,530A
FILING DATE: 22-FEB-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 00570,48743

TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 174 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Rattus rattus
US-08-401-530A-6

Query Match 3.4%; Score 7; DB 1; Length 174;
Best Local Similarity 100.0%; Pred. No. 97;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 59 SGRNASF 65
DB 80 SGRNASF 86

RESULT 15
US-08-709-662-6
Sequence 6, Application US/08709662
Patent No. 5840531
GENERAL INFORMATION:
APPLICANT: Vinik, Aaron I.
APPLICANT: Piltenger, Gary L.
APPLICANT: Rataeloff, Ronit
APPLICANT: Rosenberg, Lawrence
APPLICANT: Duguid, William P.
TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
TITLE OF INVENTION: ISLET NEOGENESIS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSER: Banner & Witcoff, Ltd.
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/709,662
FILING DATE: 09-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 00570,59178
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 174 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Rattus rattus
US-08-709-662-6

Query Match 3.4%; Score 7; DB 1; Length 174;
Best Local Similarity 100.0%; Pred. No. 97;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 59 SGRNASF 65

Tue Feb 21 15:32:24 2006

us-09-724-254a-44_copy_556_759.011.rat

Page 6

Db |||
 80 SGGASF 86

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Job time : 10.3842 secs

GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 17, 2006, 06:56:30 ; Search time 48.9064 Seconds
(without alignments)
1742.863 Million cell updates/sec

Title: US-09-724-254A-44_COPY_556_759

Perfect score: 204
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Gapop 60.0, Gapext 60.0

Searched: 1867569 seqs, 417829326 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

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3: /cgns2_6/ptodaca/1/pubpaa/US09_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	204	100.0	759	4	US-10-040-862-10460
2	204	100.0	759	4	US-10-057-475B-10460
3	204	100.0	759	4	US-10-154-884B-10460
4	204	100.0	759	4	US-10-403-847-10460
5	204	100.0	759	4	US-10-764-824-10460
6	204	100.0	759	4	US-10-040-862-10462
7	191	93.6	977	4	US-10-057-475B-10462
8	191	93.6	977	4	US-10-154-884B-10462
9	191	93.6	977	4	US-10-403-847-9
10	191	93.6	977	4	US-10-764-824-10462
11	191	93.6	977	4	US-10-040-862-10462
12	177	86.8	977	4	US-10-241-820-97
13	177	86.8	977	5	US-10-872-972-97
14	177	86.8	977	5	US-10-872-972-97
15	177	86.8	977	5	US-10-963-340-35
16	177	86.8	977	5	US-10-963-340-35
17	177	86.8	977	5	US-10-403-847-139
18	177	86.8	977	5	US-10-403-847-145
19	177	86.8	977	5	US-10-403-847-145
20	177	86.8	977	5	US-10-403-847-145
21	177	86.8	977	5	US-10-403-847-145
22	177	86.8	977	5	US-10-403-847-145
23	177	86.8	977	5	US-10-403-847-145
24	177	86.8	977	5	US-10-403-847-145
25	177	86.8	977	5	US-10-403-847-145
26	177	86.8	977	5	US-10-403-847-145
27	177	86.8	977	5	US-10-403-847-145

28	23	11.3	255	4	US-10-154-884B-9612	Sequence 9612, Ap
29	23	11.3	255	4	US-10-154-884B-11057	Sequence 11057, A
30	23	11.3	255	4	US-10-764-324-9612	Sequence 9612, Ap
31	23	11.3	261	4	US-10-040-862-9611	Sequence 9611, Ap
32	23	11.3	261	4	US-10-057-475B-9611	Sequence 9611, Ap
33	23	11.3	261	4	US-10-154-884B-9611	Sequence 9611, Ap
34	23	11.3	261	4	US-10-154-884B-11056	Sequence 11056, A
35	23	11.3	261	4	US-10-764-324-9611	Sequence 9611, Ap
36	23	11.3	302	4	US-10-154-884B-11051	Sequence 11051, A
37	23	11.3	350	4	US-10-154-884B-11047	Sequence 11047, A
38	23	11.3	365	4	US-10-154-884B-11047	Sequence 11047, A
39	23	11.3	365	4	US-10-508-374-22	Sequence 22, Appl
40	23	11.3	397	4	US-10-154-884B-11052	Sequence 11052, A
41	23	11.3	413	4	US-10-154-884B-11040	Sequence 11040, A
42	23	11.3	445	4	US-10-154-884B-11043	Sequence 11043, A
43	23	11.3	460	4	US-10-154-884B-11048	Sequence 11048, A
44	23	11.3	489	5	US-10-508-374-4	Sequence 4, Appl1
45	23	11.3	508	4	US-10-040-862-10464	Sequence 10464, A

ALIGNMENTS

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RESULT 1
US-10-040-862-10460
; Sequence 10460, Application US/10040862
; Publication No. US20030078396A1
; GENERAL INFORMATION:
; APPLICANT: Galger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Manion, Jane
; APPLICANT: Retter, Marc
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013520US
; CURRENT APPLICATION NUMBER: US/10/040,862
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/223,378
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: US 09/796,692
; NUMBER OF SEQ ID NOS: 10467
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10460
; LENGTH: 759
; TYPE: CDS
; ORGANISM: Homo sapiens
Query Match 100.0%; Score 204; DB 4; Length 759;
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Best Local Similarity 100.0%; Pred. No. 4.8e-182;
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVPVSRPILTLRVPRQAQAVVGDLLHLHCEAPRGSPILYWFHEDVTLGSSSAPSG 60
DB 556 SLFTVPVSRPILTLRVPRQAQAVVGDLLHLHCEAPRGSPILYWFHEDVTLGSSSAPSG 615

QY 61 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTISLSVIYVSRPILTFRAPRAQAVVGD 120
DB 616 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTISLSVIYVSRPILTFRAPRAQAVVGD 675

QY 121 LEHCEALRGSSPLTYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 180
DB 676 LEHCEALRGSSPLTYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 735

QY 181 QRESEMTLKVAGEMALPTSSTSEN 204
DB 736 QRESEMTLKVAGEMALPTSSTSEN 759

RESULT 2
US-10-057-475B-10460
Sequence 10460, Application US/10057475B
Publication No. US20040002068A1
GENERAL INFORMATION:
APPLICANT: Gaiger, Alexander
APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
APPLICANT: Clapper, Jonathan David
APPLICANT: Wang, Aijun
APPLICANT: Ordomez, Nadia
APPLICANT: Carter, Lauren
APPLICANT: McNeill, Patricia Dianne
APPLICANT: Corixa Corporation
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
FILE REFERENCE: 014058-014402US
CURRENT APPLICATION NUMBER: US/10/057,475B
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: US 60/186,126
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: US 60/190,479
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: US 60/200,545
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 60/200,303
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: US 60/200,779
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: US 60/200,999
PRIOR FILING DATE: 2000-05-01
PRIOR APPLICATION NUMBER: US 60/202,084
PRIOR FILING DATE: 2000-05-04
PRIOR APPLICATION NUMBER: US 60/206,201
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: US 60/218,950
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: US 60/222,903
PRIOR FILING DATE: 2000-08-03
Remainder Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 10979
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 10460
LENGTH: 759
TYPE: PRT
ORGANISM: Homo sapiens
US-10-057-475B-10460

Query Match 100.0%; Score 204; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 4.8e-182;
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVPVSRPILTLRVPRQAQAVVGDLLHLHCEAPRGSPILYWFHEDVTLGSSSAPSG 60

DB 556 SLFTVPVSRPILTLRVPRQAQAVVGDLLHLHCEAPRGSPILYWFHEDVTLGSSSAPSG 615

QY 61 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTISLSVIYVSRPILTFRAPRAQAVVGD 120
DB 616 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTISLSVIYVSRPILTFRAPRAQAVVGD 675

QY 121 LEHCEALRGSSPLTYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 180
DB 676 LEHCEALRGSSPLTYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 735

QY 181 QRESEMTLKVAGEMALPTSSTSEN 204
DB 736 QRESEMTLKVAGEMALPTSSTSEN 759

RESULT 3
US-10-154-884B-10460
Sequence 10460, Application US/10154884B
Publication No. US2004000561A1
GENERAL INFORMATION:
APPLICANT: Gaiger, Alexander
APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
APPLICANT: Retter, Marc W.
APPLICANT: Corixa Corporation
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
FILE REFERENCE: 014058-013521US
CURRENT APPLICATION NUMBER: US/10/154,884B
CURRENT FILING DATE: 2002-05-23
PRIOR APPLICATION NUMBER: US 60/186,126
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: US 60/190,479
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: US 60/200,545
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 60/200,303
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: US 60/200,779
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: US 60/200,999
PRIOR FILING DATE: 2000-05-01
PRIOR APPLICATION NUMBER: US 60/202,084
PRIOR FILING DATE: 2000-05-04
PRIOR APPLICATION NUMBER: US 60/206,201
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: US 60/218,950
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: US 60/222,903
PRIOR FILING DATE: 2000-08-03
Remainder Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 11290
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 10460
LENGTH: 759
TYPE: PRT
ORGANISM: Homo sapiens
US-10-154-884B-10460

Query Match 100.0%; Score 204; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 4.8e-182;
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVPVSRPILTLRVPRQAQAVVGDLLHLHCEAPRGSPILYWFHEDVTLGSSSAPSG 60
DB 556 SLFTVPVSRPILTLRVPRQAQAVVGDLLHLHCEAPRGSPILYWFHEDVTLGSSSAPSG 615

QY 61 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTISLSVIYVSRPILTFRAPRAQAVVGD 120
DB 616 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTISLSVIYVSRPILTFRAPRAQAVVGD 675

QY 121 LEHCEALRGSSPLTYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 180

DB 676 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDNDNGLEA 735
QY 181 ORSEWVTLKVAGEWALPTSSTSEN 204
DB 736 ORSEWVTLKVAGEWALPTSSTSEN 759

RESULT 4
US-10-403-847-7
; Sequence 7, Application US/10403847
; Publication No. US2004030098A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICER VARIANTS OF A HUMAN
; FILE REFERENCE: D0228 NP
; CURRENT APPLICATION NUMBER: US/10/403,847
; PRIOR FILING DATE: 2003-03-28
; PRIOR APPLICATION NUMBER: U.S. 60/368,671
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: U.S. 60/371,420
; PRIOR FILING DATE: 2002-04-10
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 7
; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-403-847-7

Query Match 100.0%; Score 204; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 4,8e-182; Indels 0; Gaps 0;
Matches 204; Conservative 0; Mismatches 0;

QY 1 SLFTYVPSRPILTLRVRAQAVVGDLLLEHCEAPRGSPILYWFYHEDVTLGSSAPSG 60
DB 556 SLFTYVPSRPILTLRVRAQAVVGDLLLEHCEAPRGSPILYWFYHEDVTLGSSAPSG 615
QY 61 GEASFNLSLTHSGIYSCDNDNGLEA 120
DB 616 GEASFNLSLTHSGIYSCDNDNGLEA 675
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDNDNGLEA 180
DB 676 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDNDNGLEA 735
QY 181 ORSEWVTLKVAGEWALPTSSTSEN 204
DB 736 ORSEWVTLKVAGEWALPTSSTSEN 759

RESULT 5
US-10-764-324-10460
; Sequence 10460, Application US/10764324
; Publication No. US20040175739A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Mannion, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013520US
; CURRENT APPLICATION NUMBER: US/10/764,324
; PRIOR FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US/10/040,862
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17

QY 1 SLFTYVPSRPILTLRVRAQAVVGDLLLEHCEAPRGSPILYWFYHEDVTLGSSAPSG 60
DB 556 SLFTYVPSRPILTLRVRAQAVVGDLLLEHCEAPRGSPILYWFYHEDVTLGSSAPSG 615
QY 61 GEASFNLSLTHSGIYSCDNDNGLEA 120
DB 616 GEASFNLSLTHSGIYSCDNDNGLEA 675
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDNDNGLEA 180
DB 676 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDNDNGLEA 735
QY 181 ORSEWVTLKVAGEWALPTSSTSEN 204
DB 736 ORSEWVTLKVAGEWALPTSSTSEN 759

RESULT 6
US-10-403-847-4
; Sequence 4, Application US/10403847
; Publication No. US20040030098A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICER VARIANTS OF A HUMAN
; FILE REFERENCE: D0228 NP
; CURRENT APPLICATION NUMBER: US/10/403,847
; PRIOR FILING DATE: 2003-03-28
; PRIOR APPLICATION NUMBER: U.S. 60/368,671
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: U.S. 60/371,420
; PRIOR FILING DATE: 2002-04-10
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 4
; LENGTH: 790
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-403-847-4

Query Match 100.0%; Score 204; DB 4; Length 790;
Best Local Similarity 100.0%; Pred. No. 5e-182; Indels 0; Gaps 0;
Matches 204; Conservative 0; Mismatches 0;

QY 1 SLFTYVPSRPILTLRVRAQAVVGDLLLEHCEAPRGSPILYWFYHEDVTLGSSAPSG 60
DB 556 SLFTYVPSRPILTLRVRAQAVVGDLLLEHCEAPRGSPILYWFYHEDVTLGSSAPSG 615
QY 61 GEASFNLSLTHSGIYSCDNDNGLEA 120
DB 616 GEASFNLSLTHSGIYSCDNDNGLEA 675
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDNDNGLEA 180
DB 676 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDNDNGLEA 735
QY 181 ORSEWVTLKVAGEWALPTSSTSEN 204
DB 736 ORSEWVTLKVAGEWALPTSSTSEN 759

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Db 587 SLFTVTVSRPILTLVPRQAQAVVGDLLBLHCEAPRGSPILLYWFYHEVDYLGSSSAPBG 646
Qy 61 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTSLSVIVPSRPILTFRAPRAQAVVGD 120
Db 647 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTSLSVIVPSRPILTFRAPRAQAVVGD 706
Qy 121 LELHCEALRGSSPILLYWFYHEVDYLGKISAPSGGASFNLSLTTTHSGIYSCDADNGLEA 180
Db 707 LELHCEALRGSSPILLYWFYHEVDYLGKISAPSGGASFNLSLTTTHSGIYSCDADNGLEA 766
Qy 181 ORSEMYTLKVAQEMALPTSTSEN 204
Db 767 ORSEMYTLKVAQEMALPTSTSEN 790

RESULT 7
US-10-040-862-10462
; Sequence 10462, Application US/10040862
; Publication No. US20030078396A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013520US
; CURRENT APPLICATION NUMBER: US/10/040,862
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/223,378
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: US 09/796,692
; PRIOR FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 10467
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10462
; LENGTH: 977
; TYPE: PRS
; ORGANISM: Homo sapiens
US-10-040-862-10462

Query Match 93.6%; Score 191; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 8.9e-170;
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 616 GEASFNLSLTAHSGNYSCEANNGLVAQHSDDTSLSVIVPSRPILTFRAPRAQAVVGD 675
Qy 121 LELHCEALRGSSPILLYWFYHEVDYLGKISAPSGGASFNLSLTTTHSGIYSCDADNGLEA 180
Db 676 LELHCEALRGSSPILLYWFYHEVDYLGKISAPSGGASFNLSLTTTHSGIYSCDADNGLEA 735
Qy 181 ORSEMYTLKVA 191
Db 736 ORSEMYTLKVA 746

RESULT 8
US-10-057-475B-10462
; Sequence 10462, Application US/10057475B
; Publication No. US20040002068A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Clapper, Jonathan David
; APPLICANT: Wang, Aljun
; APPLICANT: Ordenez, Nadia
; APPLICANT: Carter, Lauren
; APPLICANT: McNeill, Patricia Dianne
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-014402US
; CURRENT APPLICATION NUMBER: US/10/057,475B
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 10979
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10462
; LENGTH: 977
; TYPE: PRS
; ORGANISM: Homo sapiens
US-10-057-475B-10462

Query Match 93.6%; Score 191; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 8.9e-170;
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 676 LEHCEALRGSSPILTYFHEVDVTLGKISAPSGGASFNLSLTTHSGIYSCDADNGLEA 735
QY 181 ORSEWVTLKVA 191
DB 736 ORSEWVTLKVA 746

RESULT 9
US-10-154-884B-10462
; Sequence 10462, Application US/10154884B
; Publication No. US20040005561A1
; GENERAL INFORMATION:
; APPLICANT: Galger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc W.
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013521US
; CURRENT APPLICATION NUMBER: US/10/154,884B
; PRIOR FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 11290
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10462
; LENGTH: 977
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-154-884B-10462

Query Match 93.6%; Score 191; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 8.9e-170; Indels 0; Gaps 0;
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLEFVVPVSRPILTLRVRAQAVVGDLELHCEAPRGSPILTYFHEVDVTLGSSAPSG 60
DB 556 SLEFVVPVSRPILTLRVRAQAVVGDLELHCEAPRGSPILTYFHEVDVTLGSSAPSG 615
QY 61 GASFNLSLTAEHSGNYSCDANNGLVAQHSPTISLSVIVPVSRLTFRAPRAQAVVGD 120
DB 616 GASFNLSLTAEHSGNYSCDANNGLVAQHSPTISLSVIVPVSRLTFRAPRAQAVVGD 675
QY 121 LEHCEALRGSSPILTYFHEVDVTLGKISAPSGGASFNLSLTTHSGIYSCDADNGLEA 180
DB 676 LEHCEALRGSSPILTYFHEVDVTLGKISAPSGGASFNLSLTTHSGIYSCDADNGLEA 735
QY 181 ORSEWVTLKVA 191
DB 736 ORSEWVTLKVA 746
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RESULT 10
US-10-403-847-9
; Sequence 9, Application US/10403847
; Publication No. US20040030098A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; APPLICANT: Biotrol
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICED VARIANTS OF A HUMAN
; FILE REFERENCE: D0228 NP
; CURRENT APPLICATION NUMBER: US/10/403,847
; PRIOR FILING DATE: 2003-03-28
; PRIOR APPLICATION NUMBER: U.S. 60/368,671
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: U.S. 60/371,420
; PRIOR FILING DATE: 2002-04-10
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn Version 3.2
; SEQ ID NO 9
; LENGTH: 977
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-403-847-9

Query Match 93.6%; Score 191; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 8.9e-170; Indels 0; Gaps 0;
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLEFVVPVSRPILTLRVRAQAVVGDLELHCEAPRGSPILTYFHEVDVTLGSSAPSG 60
DB 556 SLEFVVPVSRPILTLRVRAQAVVGDLELHCEAPRGSPILTYFHEVDVTLGSSAPSG 615
QY 61 GASFNLSLTAEHSGNYSCDANNGLVAQHSPTISLSVIVPVSRLTFRAPRAQAVVGD 120
DB 616 GASFNLSLTAEHSGNYSCDANNGLVAQHSPTISLSVIVPVSRLTFRAPRAQAVVGD 675
QY 121 LEHCEALRGSSPILTYFHEVDVTLGKISAPSGGASFNLSLTTHSGIYSCDADNGLEA 180
DB 676 LEHCEALRGSSPILTYFHEVDVTLGKISAPSGGASFNLSLTTHSGIYSCDADNGLEA 735
QY 181 ORSEWVTLKVA 191
DB 736 ORSEWVTLKVA 746

RESULT 11
US-10-764-324-10462
; Sequence 10462, Application US/10764324
; Publication No. US20040175739A1
; GENERAL INFORMATION:
; APPLICANT: Galger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013520US
; CURRENT APPLICATION NUMBER: US/10/764,324
; PRIOR FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US/10/040,862
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
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PRIOR APPLICATION NUMBER: US 60/202,084
PRIOR FILING DATE: 2000-05-04
PRIOR APPLICATION NUMBER: US 60/206,201
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: US 60/218,950
PRIOR FILING DATE: 2000-07-14
Remaining Prior Application data removed - See file Wrapper or PALM.
NUMBER OF SEQ ID NOS: 10467
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 10462
LENGTH: 977
TYPE: PRT
ORGANISM: Homo sapiens
US-10-764-324-10462

Query Match 93.6%; Score 191; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 8.9e-170;
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFVTVPSRPILTLRVRAQAVVGDLLHCEAPRGSPIILWTFYHEDVTLGSSSAPSG 60
DB 556 SLFVTVPSRPILTLRVRAQAVVGDLLHCEAPRGSPIILWTFYHEDVTLGSSSAPSG 615
QY 61 GEASFNLSLTAHSGNYSCEANNGLVAGHSDTISLSIVVPSRPILTFPRAQAVVGD 120
DB 616 GEASFNLSLTAHSGNYSCEANNGLVAGHSDTISLSIVVPSRPILTFPRAQAVVGD 675
QY 121 LEHCEALRGSSPILWTFYHEDVTLGKISAPSGGGSFNLSTTEHSGIYSCADNGLEA 180
DB 676 LEHCEALRGSSPILWTFYHEDVTLGKISAPSGGGSFNLSTTEHSGIYSCADNGLEA 735
QY 181 QRESEWTLKVA 191
DB 736 QRESEWTLKVA 746

RESULT 12
US-10-241-220-97
Sequence 97, Application US/10241220
Publication No. US20030148408A1
GENERAL INFORMATION:
APPLICANT: Frantz, Gretchen
APPLICANT: Hillan, Kenneth J.
APPLICANT: Phillips, Heidi
APPLICANT: Polakis, Paul
APPLICANT: Spencer, Susan
APPLICANT: Williams, P. Mickey
APPLICANT: Wu, Thomas
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITILE OF INVENTION: TREATMENT OF TUMOR
FILE REFERENCE: P5010R1-US
CURRENT APPLICATION NUMBER: US/10/241,220
CURRENT FILING DATE: 2002-12-13
NUMBER OF SEQ ID NOS: 120
SEQ ID NO 97
LENGTH: 977
TYPE: PRT
ORGANISM: Homo Sapien
US-10-241-220-97

Query Match 86.8%; Score 177; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 1.1e-156;
Matches 177; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFVTVPSRPILTLRVRAQAVVGDLLHCEAPRGSPIILWTFYHEDVTLGSSSAPSG 60
DB 556 SLFVTVPSRPILTLRVRAQAVVGDLLHCEAPRGSPIILWTFYHEDVTLGSSSAPSG 615
QY 61 GEASFNLSLTAHSGNYSCEANNGLVAGHSDTISLSIVVPSRPILTFPRAQAVVGD 120
DB 616 GEASFNLSLTAHSGNYSCEANNGLVAGHSDTISLSIVVPSRPILTFPRAQAVVGD 675

QY 121 LEHCEALRGSSPILWTFYHEDVTLGKISAPSGGGSFNLSTTEHSGIYSCADNG 177
DB 676 LEHCEALRGSSPILWTFYHEDVTLGKISAPSGGGSFNLSTTEHSGIYSCADNG 732

RESULT 13
US-10-872-972-97
Sequence 97, Application US/10872972
Publication No. US20040229277A1
GENERAL INFORMATION:
APPLICANT: Frantz, Gretchen
APPLICANT: Hillan, Kenneth J.
APPLICANT: Phillips, Heidi
APPLICANT: Polakis, Paul
APPLICANT: Spencer, Susan
APPLICANT: Williams, P. Mickey
APPLICANT: Wu, Thomas
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITILE OF INVENTION: TREATMENT OF TUMOR
FILE REFERENCE: P5010R1-US
CURRENT APPLICATION NUMBER: US/10/872,972
CURRENT FILING DATE: 2004-06-21
PRIOR APPLICATION NUMBER: US/10/241,220
PRIOR FILING DATE: 2002-09-11
NUMBER OF SEQ ID NOS: 120
SEQ ID NO 97
LENGTH: 977
TYPE: PRT
ORGANISM: Homo Sapien
US-10-872-972-97

Query Match 86.8%; Score 177; DB 5; Length 977;
Best Local Similarity 100.0%; Pred. No. 1.1e-156;
Matches 177; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFVTVPSRPILTLRVRAQAVVGDLLHCEAPRGSPIILWTFYHEDVTLGSSSAPSG 60
DB 556 SLFVTVPSRPILTLRVRAQAVVGDLLHCEAPRGSPIILWTFYHEDVTLGSSSAPSG 615
QY 61 GEASFNLSLTAHSGNYSCEANNGLVAGHSDTISLSIVVPSRPILTFPRAQAVVGD 120
DB 616 GEASFNLSLTAHSGNYSCEANNGLVAGHSDTISLSIVVPSRPILTFPRAQAVVGD 675
QY 121 LEHCEALRGSSPILWTFYHEDVTLGKISAPSGGGSFNLSTTEHSGIYSCADNG 177
DB 676 LEHCEALRGSSPILWTFYHEDVTLGKISAPSGGGSFNLSTTEHSGIYSCADNG 732

RESULT 14
US-10-872-991-97
Sequence 97, Application US/10872991
Publication No. US20040242860A1
GENERAL INFORMATION:
APPLICANT: Frantz, Gretchen
APPLICANT: Hillan, Kenneth J.
APPLICANT: Phillips, Heidi
APPLICANT: Polakis, Paul
APPLICANT: Spencer, Susan
APPLICANT: Williams, P. Mickey
APPLICANT: Wu, Thomas
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITILE OF INVENTION: TREATMENT OF TUMOR
FILE REFERENCE: P5010R1-US
CURRENT APPLICATION NUMBER: US/10/872,991
CURRENT FILING DATE: 2004-06-21
PRIOR APPLICATION NUMBER: US/10/241,220
PRIOR FILING DATE: 2002-09-11
NUMBER OF SEQ ID NOS: 120
SEQ ID NO 97
LENGTH: 977
TYPE: PRT

ORGANISM: Homo Sapien
US-10-872-991-97

Query Match 86.8%; Score 177; DB 5; Length 977;
Best Local Similarity 100.0%; Pred. No. 1.1e-156;
Matches 177; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVPVSRPILTLRVRAQAVVGDLLHCEAPRGSPPILYWFYHEDVTLGSSAPSG 60
DB 556 SLFTVPVSRPILTLRVRAQAVVGDLLHCEAPRGSPPILYWFYHEDVTLGSSAPSG 615
QY 61 GEASFNLSTLAEHSGNYSCEANNGLVAGHSDTISLSVIVPVSREPLTFRAAPRAQAVVGD 120
DB 616 GEASFNLSTLAEHSGNYSCEANNGLVAGHSDTISLSVIVPVSREPLTFRAAPRAQAVVGD 675
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTTHEHSGIYSCDANG 177
DB 676 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTTHEHSGIYSCDANG 732

RESULT 15

US-10-983-340-35
Sequence 35, Application US/10983340
Publication No. US20050238649A1
GENERAL INFORMATION:
APPLICANT: Toki, Brian R.
APPLICANT: Doronina, Svetlana O.
APPLICANT: Senter, Peter D.
APPLICANT: Ebens, Allen J.
APPLICANT: Polakie, Paul
APPLICANT: Sliakowski, Mark X.
APPLICANT: Spencer, Susan D.
APPLICANT: Kishimoto, Tomi Beth
TITLE OF INVENTION: MONOMETHYLAALINE COMPOUNDS CAPABLE OF CONJUGATION TO LIGANDS
FILE REFERENCE: 018891-001020US
CURRENT FILING DATE: 2004-11-05
PRIORITY FILING DATE: 2004-08-04
PRIORITY FILING DATE: 2004-08-04
PRIORITY FILING DATE: 2004-03-26
PRIORITY FILING DATE: 2004-03-26
PRIORITY FILING DATE: 2003-11-06
PRIORITY FILING DATE: 2003-11-06
NUMBER OF SEQ ID NOS: 35
SEQ ID NO 35
LENGTH: 977
TYPE: PRT
ORGANISM: Homo sapien
US-10-983-340-35

Query Match 86.8%; Score 177; DB 5; Length 977;
Best Local Similarity 100.0%; Pred. No. 1.1e-156;
Matches 177; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVPVSRPILTLRVRAQAVVGDLLHCEAPRGSPPILYWFYHEDVTLGSSAPSG 60
DB 556 SLFTVPVSRPILTLRVRAQAVVGDLLHCEAPRGSPPILYWFYHEDVTLGSSAPSG 615
QY 61 GEASFNLSTLAEHSGNYSCEANNGLVAGHSDTISLSVIVPVSREPLTFRAAPRAQAVVGD 120
DB 616 GEASFNLSTLAEHSGNYSCEANNGLVAGHSDTISLSVIVPVSREPLTFRAAPRAQAVVGD 675
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTTHEHSGIYSCDANG 177
DB 676 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTTHEHSGIYSCDANG 732

Search completed: February 17, 2006, 07:02:12
Job time : 49.9064 secs

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; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 9
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-514-534-9

Query Match      11.3%; Score 23; DB 6; Length 192;
Best Local Similarity 100.0%; Pred. No. 2.8e-15;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      63 ASFNLSLTAHSGNYSCEANNGL 85
DB      99 ASFNLSLTAHSGNYSCEANNGL 121

RESULT 3
US-10-514-534-8
; Sequence 8, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 8
; LENGTH: 255
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-514-534-8

Query Match      11.3%; Score 23; DB 6; Length 255;
Best Local Similarity 100.0%; Pred. No. 3.6e-15;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      63 ASFNLSLTAHSGNYSCEANNGL 85
DB      99 ASFNLSLTAHSGNYSCEANNGL 121

RESULT 4
US-10-514-534-6
; Sequence 6, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6
; LENGTH: 341
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-514-534-6

Query Match      11.3%; Score 23; DB 6; Length 341;
Best Local Similarity 100.0%; Pred. No. 4.6e-15;
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Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      63 ASFNLSLTAHSGNYSCEANNGL 85
DB      99 ASFNLSLTAHSGNYSCEANNGL 121

RESULT 5
US-10-514-534-7
; Sequence 7, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 7
; LENGTH: 508
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-514-534-7

Query Match      11.3%; Score 23; DB 6; Length 508;
Best Local Similarity 100.0%; Pred. No. 6.5e-15;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      63 ASFNLSLTAHSGNYSCEANNGL 85
DB      352 ASFNLSLTAHSGNYSCEANNGL 374

RESULT 6
US-11-093-274-41
; Sequence 41, Application US/11093274
; Publication No. US20050266008A1
; GENERAL INFORMATION:
; APPLICANT: Graziano, Robert
; APPLICANT: Cardarelli, Josephine M.
; APPLICANT: Kempe, Thomas
; APPLICANT: Cutler, Beth
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: IKTA-5 ANTIBODIES AND THEIR USES
; FILE REFERENCE: 04280/1201101-US1
; CURRENT APPLICATION NUMBER: US/11/093,274
; CURRENT FILING DATE: 2005-03-28
; PRIOR APPLICATION NUMBER: 60/557,741
; PRIOR FILING DATE: 2004-03-29
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 41
; LENGTH: 508
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-11-093-274-41

Query Match      11.3%; Score 23; DB 7; Length 508;
Best Local Similarity 100.0%; Pred. No. 6.5e-15;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      63 ASFNLSLTAHSGNYSCEANNGL 85
DB      352 ASFNLSLTAHSGNYSCEANNGL 374

RESULT 7
US-11-093-274-40
; Sequence 40, Application US/11093274
; Publication No. US20050266008A1
```


GENERAL INFORMATION:
APPLICANT: Graziano, Robert
APPLICANT: Cardarelli, Josephine M.
APPLICANT: Kempe, Thomas
APPLICANT: Cutler, Beth
APPLICANT: Srinivasan, Mohan
TITLE OF INVENTION: IRTA-5 ANTIBODIES AND THEIR USES
FILE REFERENCE: 04280/1201101-US1
CURRENT APPLICATION NUMBER: US/11/093,274
CURRENT FILING DATE: 2005-03-28
PRIOR APPLICATION NUMBER: 60/557,741
PRIOR FILING DATE: 2004-03-29
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn version 3.2
SEQ ID NO 40
LENGTH: 734
TYPE: PRF
ORGANISM: Homo sapiens
US-11-093-274-40

Query Match 8.3%; Score 17; DB 7; Length 734;
Best Local Similarity 100.0%; Pred. No. 6.4e-09;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 63 ASFNLSLTAHSGMYSC 79
DB 435 ASFNLSLTAHSGMYSC 451

RESULT 8
US-11-093-274-37
Sequence 37, Application US/11093274
Publication No. US2005026008A1
GENERAL INFORMATION:
APPLICANT: Graziano, Robert
APPLICANT: Cardarelli, Josephine M.
APPLICANT: Kempe, Thomas
APPLICANT: Cutler, Beth
APPLICANT: Srinivasan, Mohan
TITLE OF INVENTION: IRTA-5 ANTIBODIES AND THEIR USES
FILE REFERENCE: 04280/1201101-US1
CURRENT APPLICATION NUMBER: US/11/093,274
CURRENT FILING DATE: 2005-03-28
PRIOR APPLICATION NUMBER: 60/557,741
PRIOR FILING DATE: 2004-03-29
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn version 3.2
SEQ ID NO 37
LENGTH: 429
TYPE: PRF
ORGANISM: Homo sapiens
US-11-093-274-37

Query Match 7.4%; Score 15; DB 7; Length 429;
Best Local Similarity 100.0%; Pred. No. 3.7e-07;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 149 SAPSGGASFNLSLT 163
DB 253 SAPSGGASFNLSLT 267

RESULT 9
US-10-821-234-1015
Sequence 1015, Application US/10821234
Publication No. US20050255114A1
GENERAL INFORMATION:
APPLICANT: Labat, Ryan
APPLICANT: Spache-Crain, Birgit
APPLICANT: Andaman, Susan
TITLE OF INVENTION: Y-Tom
FILE REFERENCE: 821A
Methods for Diagnosis and Treatment of Preeclampsia

CURRENT APPLICATION NUMBER: US/10/821,234
CURRENT FILING DATE: 2004-04-07
PRIOR APPLICATION NUMBER: US 60/462,047
PRIOR FILING DATE: 2003-04-07
NUMBER OF SEQ ID NOS: 1704
SOFTWARE: PL-Seq, genes Version 1.0
SEQ ID NO 1015
LENGTH: 555
TYPE: PRF
ORGANISM: Homo sapiens
US-10-821-234-1015

Query Match 4.4%; Score 9; DB 6; Length 555;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 162 LTTHERSGIV 170
DB 350 LTTHERSGIV 358

RESULT 10
US-11-072-512-2940
Sequence 2940, Application US/11072512
Publication No. US2006029945A1
GENERAL INFORMATION:
APPLICANT: ISOGAI, TAKAO
APPLICANT: SUGIYAMA, TOMOYASU
APPLICANT: OTSUKI, TETSUJI
APPLICANT: MAKAMATSU, AI
APPLICANT: SATO, HIROYUKI
APPLICANT: ISHII, SHIZUKO
APPLICANT: YAMAMOTO, JUN-ICHI
APPLICANT: ISONO, YUUKO
APPLICANT: HIO, YURI
APPLICANT: OTSUKA, KAORU
APPLICANT: NAGAI, KEIICHI
APPLICANT: NAGAI, KEIICHI
APPLICANT: IRIE, RYOTARO
APPLICANT: TAMECHIKA, ICHIRO
APPLICANT: SAKI, NAOHICO
APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: OTSUKA, MOMOKI
APPLICANT: NAGAHARI, KENJI
APPLICANT: MASUHO, YASUHIKO
TITLE OF INVENTION: Novel full length CDNA
FILE REFERENCE: 084335-0191
CURRENT APPLICATION NUMBER: US/11/072,512
CURRENT FILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: JP 2001-379298
PRIOR FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2940
LENGTH: 130
TYPE: PRF
ORGANISM: Homo sapiens
US-11-072-512-2940

Query Match 3.4%; Score 7; DB 7; Length 130;
Best Local Similarity 100.0%; Pred. No. 8.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 54 SSSAPSG 60
DB 56 SSSAPSG 62

RESULT 11
US-10-131-826A-504
Sequence 504, Application US/10131826A
Publication No. US20050245730A1

```

; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C128
; CURRENT APPLICATION NUMBER: US/10/131, 826A
; PRIOR FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 504
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-826A-504

Query Match
Best Local Similarity 3.4%; Score 7; DB 6; Length 163;
Pred. No. 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 VPRQAV 23
Db 15 VPRQAV 21

RESULT 12
US-11-183-136-16
; Sequence 16, Application US/11183136
; Publication No. US20060019896A1
; GENERAL INFORMATION:
; APPLICANT: Li, Dean
; APPLICANT: Park, Kye Won
; TITLE OF INVENTION: NETRIN-RELATED COMPOSITIONS AND USRS
; FILE REFERENCE: UITH-P01-011
; CURRENT APPLICATION NUMBER: US/11/183, 136
; PRIOR FILING DATE: 2005-07-14
; PRIOR APPLICATION NUMBER: US 60/587, 796
; PRIOR FILING DATE: 2004-07-14
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; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 963
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-183-136-16

Query Match
Best Local Similarity 3.4%; Score 7; DB 7; Length 963;
Pred. No. 47;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 GSSAPS 59
Db 93 GSSAPS 99

RESULT 13
US-10-453-372-880
; Sequence 880, Application US/10453372
; Publication No. US2006003323A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS
; FILE REFERENCE: 21402-589 A
; CURRENT APPLICATION NUMBER: US/10/453,372
; PRIOR FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: 60/199476
; PRIOR FILING DATE: 2000-03-25
; PRIOR APPLICATION NUMBER: 09/863776
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 60/208263
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: 09/939398
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/227800
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1609
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 880
; LENGTH: 1198
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-453-372-880

Query Match
Best Local Similarity 3.4%; Score 7; DB 6; Length 1198;
Pred. No. 57;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 78 SCANNNG 84
Db 330 SCANNNG 336

RESULT 14
US-10-055-877-46
; Sequence 46, Application US/10055877
; Publication No. US20050288241A1
; GENERAL INFORMATION:
; APPLICANT: Decristofaro, Marc
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Miller, Charles
```

```
APPLICANT: Tchernev, Velizar
APPLICANT: Zhong, Mei
APPLICANT: Anderson, David
APPLICANT: Ballinger, Robert
APPLICANT: Gerlach, Valerie
APPLICANT: Spylek, Kimberly
APPLICANT: Kattel, Luca
APPLICANT: Kekuda, Rameesh
APPLICANT: Guo, Xiaojia
APPLICANT: Zernusen, Bryan
APPLICANT: Andrew, David
APPLICANT: Mezes, Peter
APPLICANT: Patrujan, Meera
APPLICANT: Burgess, Catherine
APPLICANT: Bisen, Andrew
APPLICANT: Baumgartner, Jason
APPLICANT: Shinkets, Richard
APPLICANT: Gusev, Vladimir
APPLICANT: Vernier, Corine
APPLICANT: Taupier Jr., Raymond
APPLICANT: Pena, Carol
APPLICANT: Shenoy, Suresh
APPLICANT: Li, Li
APPLICANT: Casman, Stacie
APPLICANT: Boldog, Ferenc
TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoded Thereby
FILE REFERENCE: 21402-251
CURRENT APPLICATION NUMBER: US/10/055,877
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 60/262,892
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: 60/263,598
PRIOR FILING DATE: 2001-01-23
PRIOR APPLICATION NUMBER: 60/263,799
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: 60/264,117
PRIOR FILING DATE: 2001-01-25
PRIOR APPLICATION NUMBER: 60/264,139
PRIOR FILING DATE: 2001-01-25
PRIOR APPLICATION NUMBER: 60/264,478
PRIOR FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 60/263,351
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 60/272,870
PRIOR FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 60/275,990
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/275,927
PRIOR FILING DATE: 2001-03-14
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 512
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 46
LENGTH: 1398
TYPE: PRT
ORGANISM: Homo sapiens
US-10-055-877-46

Query Match          3.4%; Score 7; DB 6; Length 1398;
Best Local Similarity 100.0%; Pred.No. 65;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY      78 SCEANNNG 84
Db      330 SCEANNNG 336

RESULT 15
US-10-453-372-872
; Sequence 872, Application US/10453372
; Publication No. US20060003323a1
; GENERAL INFORMATION:
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APPLICANT: Alsobrook, et al.
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS
FILE REFERENCE: 21402-589 A
CURRENT APPLICATION NUMBER: US/10/453,372
CURRENT FILING DATE: 2003-06-03
PRIOR APPLICATION NUMBER: 09/789390
PRIOR FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: 60/185967
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: 09/823187
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/195792
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 09/839446
PRIOR FILING DATE: 2001-03-19
PRIOR APPLICATION NUMBER: 60/199476
PRIOR FILING DATE: 2000-03-25
PRIOR APPLICATION NUMBER: 09/863776
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: 60/208263
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: 09/939398
PRIOR FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: 60/227800
PRIOR FILING DATE: 2000-08-25
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1609
SOFTWARE: CuraseqList version 0.1
SEQ ID NO 872
LENGTH: 1398
TYPE: PRT
ORGANISM: Homo sapiens
US-10-453-372-872

Query Match          3.4%; Score 7; DB 6; Length 1398;
Best Local Similarity 100.0%; Pred.No. 65;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY      78 SCEANNNG 84
Db      330 SCEANNNG 336

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Job time : 4.35468 secs
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GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 17, 2006, 06:37:40 ; Search time 21.4811 Seconds
(without alignments)
1624.177 Million cell updates/sec

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Scoring table: OLIGO Gapop 60.0, Gapext 60.0

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	138	32.7	1248 2	US-09-949-016-10595 Sequence 10595, A
2	138	32.7	1248 2	US-09-949-016-10596 Sequence 10596, A
3	8	1.9	432 2	US-09-902-540-10469 Sequence 10469, A
4	8	1.9	472 2	US-09-603-2084-282 Sequence 282, App1
5	7	1.7	10 2	US-08-581-562-7 Sequence 7, App11
6	7	1.7	10 2	US-08-584-293-7 Sequence 7, App11
7	7	1.7	74 2	US-09-580-0438-1 Sequence 5, App11
8	7	1.7	92 1	US-08-451-947-50 Sequence 50, App1
9	7	1.7	92 1	US-08-424-8284-50 Sequence 50, App1
10	7	1.7	92 2	US-08-928-694-50 Sequence 50, App1
11	7	1.7	92 2	US-08-450-842-50 Sequence 50, App1
12	7	1.7	92 2	US-08-451-390-50 Sequence 50, App1
13	7	1.7	110 4	PCT-US91-06950-50 Sequence 1498, App
14	7	1.7	110 4	PCT-US91-06950-50 Sequence 1498, App
15	7	1.7	136 2	US-09-605-7038-1498 Sequence 1370, App
16	7	1.7	136 2	US-09-774-639-197 Sequence 2340, App
17	7	1.7	140 2	US-09-252-991A-25737 Sequence 25737, A
18	7	1.7	147 2	US-09-489-039A-12366 Sequence 12366, A
19	7	1.7	163 2	US-10-012-231A-158 Sequence 158, App
20	7	1.7	163 2	US-10-015-389A-158 Sequence 158, App
21	7	1.7	163 2	US-10-006-768A-158 Sequence 158, App
22	7	1.7	163 2	US-10-015-671A-158 Sequence 158, App
23	7	1.7	163 2	US-10-015-393A-158 Sequence 158, App
24	7	1.7	163 2	US-10-011-833A-158 Sequence 158, App
25	7	1.7	163 2	US-10-006-041A-158 Sequence 158, App
26	7	1.7	163 2	US-10-012-064A-158 Sequence 158, App
27	7	1.7	165 2	US-09-489-039A-11784 Sequence 11784, A

28	7	1.7	174 1	US-08-401-530A-6 Sequence 6, App11
29	7	1.7	174 1	US-08-709-662-6 Sequence 6, App11
30	7	1.7	205 2	US-09-489-039A-8206 Sequence 8206, App
31	7	1.7	205 2	US-09-605-703B-2382 Sequence 2382, App
32	7	1.7	217 2	US-09-902-540-14812 Sequence 14812, A
33	7	1.7	218 2	US-09-248-796A-14423 Sequence 14423, A
34	7	1.7	239 2	US-09-252-991A-24294 Sequence 24294, A
35	7	1.7	242 2	US-09-252-991A-21114 Sequence 21114, A
36	7	1.7	245 2	US-08-469-260A-40 Sequence 40, App1
37	7	1.7	245 2	US-08-488-446-40 Sequence 40, App1
38	7	1.7	245 2	US-08-467-344A-40 Sequence 40, App1
39	7	1.7	245 2	US-08-424-550B-40 Sequence 40, App1
40	7	1.7	273 2	US-09-605-703B-1770 Sequence 1770, App
41	7	1.7	285 2	US-09-489-039A-7446 Sequence 7446, App
42	7	1.7	325 2	US-09-252-991A-18378 Sequence 18378, A
43	7	1.7	328 2	US-09-902-540-11000 Sequence 11000, A
44	7	1.7	353 2	US-09-576-160B-6 Sequence 6, App11
45	7	1.7	356 2	US-09-134-000C-4914 Sequence 4914, App

ALIGNMENTS

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RESULT 1
US-09-949-016-10595
; Sequence 10595, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VANTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE. METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CLO01307
; CURRENT FILING DATE: US/09/949, 016
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10595
; LENGTH: 1248
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-10595

Query Match      32.7% Score 138; DB 2; Length 1248;
Best Local Similarity 100.0%; Pred. No. 3.8e-122;
Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      8 VSRPILTRVPRRAQVYVDLLEHCAAPGSPILYWFYHEDVTLGSSAPSGEASPNL 67
Db      1036 VSRPILTRVPRRAQVYVDLLEHCAAPGSPILYWFYHEDVTLGSSAPSGEASPNL 1095

Cy      68 SITAHSGNVCENNGNLVNOHSDTISLSTVIVSRPILTRVPRRAQVYVDLLEHCA 127
Db      1096 SITAHSGNVCENNGNLVNOHSDTISLSTVIVSRPILTRVPRRAQVYVDLLEHCA 1155

Cy      128 IAGSPILYWFYHEDVTL 145
Db      1156 IAGSPILYWFYHEDVTL 1173

RESULT 2
US-09-949-016-10596
; Sequence 10596, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VANTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE. METHODS OF DETECTION AND USES THEREOF
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FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 10596
LENGTH: 1248
TYPE: PRT
ORGANISM: Human
US-09-949-016-10596

Query Match
Best Local Similarity 32.7%; Score 138; DB 2; Length 1248;
Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 VSRPILTRVPAQAVVDLLEHCEAPRGSPILYWFYHEDVTLGSSAPSGGASFNL 67
DB 1036 VSRPILTRVPAQAVVDLLEHCEAPRGSPILYWFYHEDVTLGSSAPSGGASFNL 1095

QY 68 SLTAHSNGYSCANNGLVAQHSDDTSLSYIVPSRPILTFRAQAVVDLLEHCEA 127
DB 1096 SLTAHSNGYSCANNGLVAQHSDDTSLSYIVPSRPILTFRAQAVVDLLEHCEA 1155

QY 128 LRGSPLIYWFYHEDVTL 145
DB 1156 LRGSPLIYWFYHEDVTL 1173

RESULT 3
US-09-902-540-10469
Sequence 10469; Application US/09902540
Patent No. 6833447
GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(11849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 10469
LENGTH: 432
TYPE: PRT
ORGANISM: Myxococcus xanthus
US-09-902-540-10469

Query Match
Best Local Similarity 1.9%; Score 8; DB 2; Length 432;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 LAAGALLL 314
DB 34 LAAGALLL 41

RESULT 4
US-09-603-208A-282
Sequence 282; Application US/09603208A
Patent No. 6822084
GENERAL INFORMATION:
APPLICANT: Pompejus, Markus
APPLICANT: Kroeger, Burkhard
APPLICANT: Schroeder, Hartwig
```

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APPLICANT: Zelder, Oskar
APPLICANT: Haberman, Gregor
APPLICANT: Lee, Heung-Shick
APPLICANT: Kim, Hyung-Joon
TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING STRESS,
FILE REFERENCE: BGI-124CP
CURRENT APPLICATION NUMBER: US/09/603,208A
CURRENT FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: 60/141031
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 60/142692
PRIOR FILING DATE: 1999-07-01
PRIOR APPLICATION NUMBER: 60/151214
PRIOR FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: DE 19930429.7
PRIOR FILING DATE: 1999-07-01
PRIOR APPLICATION NUMBER: DE 19931413.6
PRIOR FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: DE 19931457.8
PRIOR FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: DE 19931541.8
PRIOR FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: DE 19932209.0
PRIOR FILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: DE 19932230.9
PRIOR FILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: DE 19932914.1
PRIOR FILING DATE: 1999-07-14
PRIOR APPLICATION NUMBER: DE 19940764.9
PRIOR FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: DE 19941382.7
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 306
SEQ ID NO 282
LENGTH: 472
TYPE: PRT
ORGANISM: Corynebacterium glutamicum
US-09-603-208A-282

Query Match
Best Local Similarity 1.9%; Score 8; DB 2; Length 472;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 298 AGGLISIA 305
DB 93 AGGLISIA 100

RESULT 5
US-08-581-662-7
Sequence 7; Application US/08581662
Patent No. 6121235
GENERAL INFORMATION:
APPLICANT: Gao, Wei-Qiang
TITLE OF INVENTION: Treatment of Balance Impairments
FILE REFERENCE: P0981
CURRENT APPLICATION NUMBER: US/08/581,662
CURRENT FILING DATE: 1995-12-29
NUMBER OF SEQ ID NOS: 36
SEQ ID NO 7
LENGTH: 10
TYPE: PRT
ORGANISM: Homo sapiens
US-08-581-662-7

Query Match
Best Local Similarity 1.7%; Score 7; DB 2; Length 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 LSRKAGR 324
DB 2 LSRKAGR 8
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RESULT 6
US-09-664-295-7
Sequence 7, Application US/09664295
Patent No. 6429196
GENERAL INFORMATION:
APPLICANT: Gao, Wei-Qiang
TITLE OF INVENTION: Treatment of Balance Impairments
FILE REFERENCE: GENENT.051C1
CURRENT APPLICATION NUMBER: US/09/664,295
CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 08/581,662
PRIOR FILING DATE: 1995-12-29
NUMBER OF SEQ ID NOS: 37
SEQ ID NO 7
LENGTH: 10
TYPE: PRT
ORGANISM: Homo sapiens
US-09-664-295-7

Query Match 1.7%; Score 7; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 LSRKGR 324
DB 2 LSRKGR 8

RESULT 7
US-09-580-043B-1
Sequence 1, Application US/09580043B
Patent No. 6517828
GENERAL INFORMATION:
APPLICANT: LIN, SUE-HWA
APPLICANT: LUO, WEIPING
TITLE OF INVENTION: C-CAM AS AN ANGIOGENESIS INHIBITOR
FILE REFERENCE: UTSC:623US
CURRENT APPLICATION NUMBER: US/09/580,043B
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/136,563
PRIOR FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 74
TYPE: PRT
ORGANISM: Homo sapiens
US-09-580-043B-1

Query Match 1.7%; Score 7; DB 2; Length 74;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 397 IYSEVK 403
DB 66 IYSEVK 72

RESULT 8
US-08-451-947-50
Sequence 50, Application US/08451947
Patent No. 5702906
GENERAL INFORMATION:
APPLICANT: GENENTECH, INC.
APPLICANT: ROSENTHAL, ARNON
TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR
NUMBER OF SEQUENCES: 100
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd

CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,947
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/426419
FILING DATE: 19-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/030013
FILING DATE: 22-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/648482
FILING DATE: 31-JAN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/587707
FILING DATE: 1991
ATTORNEY/AGENT INFORMATION:
NAME: Torchia, Timothy E.
REGISTRATION NUMBER: 36,700
REFERENCE/DOCKET NUMBER: 666P2C1D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-8674
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-451-947-50

Query Match 1.7%; Score 7; DB 1; Length 92;
Best Local Similarity 100.0%; Pred. No. 83;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 LSRKGR 324
DB 84 LSRKGR 90

RESULT 9
US-08-424-826A-50
Sequence 50, Application US/08424826A
Patent No. 5830858
GENERAL INFORMATION:
APPLICANT: ROSENTHAL, ARNON
TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/424,826A
FILING DATE: 19-APR-1995
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/240387
FILING DATE: 10-May-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/648482
FILING DATE: 31-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/587707
FILING DATE: 25-SEP-1990
ATTORNEY/AGENT INFORMATION:
NAME: Torchia, PhD., Timothy E.
REGISTRATION NUMBER: 36,700
REFERENCE/DOCKET NUMBER: P066P1C2
TELEPHONE: 415/225-8674
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
US-08-424-826A-50

Query Match 1.7%; Score 7; DB 1; Length 92;
Best Local Similarity 100.0%; Pred. No. 83;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 318 LSRKGR 324
Db 84 LSRKGR 90

RESULT 10
US-08-928-694-50
Sequence 50, Application US/08928694
Patent No. 6037320
GENERAL INFORMATION:
APPLICANT: ROSENTHAL, ARNON
TITLE OF INVENTION: NOVEL NEUTROTROPHIC FACTOR
NUMBER OF SEQUENCES: 100
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/928,694
FILING DATE: 12-Sep-1997
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/451947
FILING DATE: 26-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/426419
FILING DATE: 19-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/030013
FILING DATE: 22-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/648482
FILING DATE: 31-JAN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/587707
FILING DATE: 1991
ATTORNEY/AGENT INFORMATION:

NAME: Torchia, PhD., Timothy E.
REGISTRATION NUMBER: 36,700
REFERENCE/DOCKET NUMBER: P066P2C1D2C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-8674
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
US-08-928-694-50

Query Match 1.7%; Score 7; DB 2; Length 92;
Best Local Similarity 100.0%; Pred. No. 83;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 318 LSRKGR 324
Db 84 LSRKGR 90

RESULT 11
US-08-450-842-50
Sequence 50, Application US/08450842
Patent No. 6506728
GENERAL INFORMATION:
APPLICANT: GENENTECH, INC.
TITLE OF INVENTION: NOVEL NEUTROTROPHIC FACTOR
NUMBER OF SEQUENCES: 100
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,842
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/426419
FILING DATE: 19-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/030013
FILING DATE: 22-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/648482
FILING DATE: 31-JAN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/587707
FILING DATE: 1991
ATTORNEY/AGENT INFORMATION:
NAME: Torchia, Timothy E.
REGISTRATION NUMBER: 36,700
REFERENCE/DOCKET NUMBER: 666P2C1D3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-8674
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-450-842-50

Query Match 1.7%; Score 7; DB 2; Length 92;
Best Local Similarity 100.0%; Pred. No. 83;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 LSRKGR 324
|||||
84 LSRKGR 90

RESULT 12

US-08-451-390-50
; Sequence 50, Application US/08451390
; Patent No. 6566091
; GENERAL INFORMATION:
; APPLICANT: GENENTECH, INC.
; APPLICANT: ROSENTHAL, ARNON
; TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,390
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/426419
; FILING DATE: 19-APR-1995
; PRIOR APPLICATION DATA: 07/648482
; APPLICATION NUMBER: 22-MAR-1993
; FILING DATE: 31-JAN
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/587707
; FILING DATE: 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, Timothy E.
; REGISTRATION NUMBER: 36,700
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-8674
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 92 amino acids
; TYPE: amino acid
; TOPOLOGY: linear

US-08-451-390-50
Query Match 1.7%; Score 7; DB 2; Length 92;
Best Local Similarity 100.0%; Pred. No. 83;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 LSRKGR 324
|||||
84 LSRKGR 90

RESULT 13

PCT-US91-06950-50

; Sequence 50, Application PC/TUS9106950

; GENERAL INFORMATION:
; APPLICANT: GENENTECH, INC.
; APPLICANT: ROSENTHAL, ARNON
; TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/06950
; FILING DATE: 19910924
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA: 07/648482
; APPLICATION NUMBER: 07/587707
; ATTORNEY/AGENT INFORMATION:
; NAME: Hensley, Max D.
; REGISTRATION NUMBER: 27,043
; REFERENCE/DOCKET NUMBER: 666P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/266-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 92 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear

Query Match 1.7%; Score 7; DB 4; Length 92;
Best Local Similarity 100.0%; Pred. No. 83;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 LSRKGR 324
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84 LSRKGR 90

RESULT 14

US-09-605-703B-1498
; Sequence 1498, Application US/09605703B
; Patent No. 6962989
; GENERAL INFORMATION:
; APPLICANT: Pompeius, Markus
; APPLICANT: Krogger, Burkhard
; APPLICANT: Schoder, Hartwig
; APPLICANT: Zelder, Oskar
; APPLICANT: Haberhauser, Gregor
; TITLE OF INVENTION: COVARIANTERIAL GLUTAMINICUM GENES ENCODING NOVEL
; FIVE REFERENCE: BGI-129CB
; CURRENT APPLICATION NUMBER: US/09/605,703B
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: 60/142,764
; PRIOR FILING DATE: 1999-07-08
; PRIOR APPLICATION NUMBER: 1999-09-03
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 2934
; SEQ ID NO 1498
; LENGTH: 110
; TYPE: PRT

; ORGANISM: Corynebacterium glutamicum
US-09-605-703B-1498

Query Match 1.7%; Score 7; DB 2; Length 110;
Best Local Similarity 100.0%; Pred. No. 98;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 294 ATGVAGG 300
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Db 4 ATGVAGG 10

RESULT 15

US-09-774-639-197
; Sequence 197, Application US/09774639
; Patent No. 6806351
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OR INVENTION: 90 Human Secreted Proteins
; FILE REFERENCE: P2013P1
; CURRENT APPLICATION NUMBER: US/09/774,639
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/244,112
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 371
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 197
; LENGTH: 126
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (126)
; OTHER INFORMATION: Xaa equals stop translation
US-09-774-639-197

Query Match 1.7%; Score 7; DB 2; Length 126;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 LAAGALL 313
|||||
Db 39 LAAGALL 45

Search completed: February 17, 2006, 06:38:55
Job time : 22.4811 secs

GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 17, 2006, 06:56:30 ; Search time 101.169 Seconds
(without alignments)
1742.863 Million cell updates/sec

Title: US-09-724-254a-41_COPY_556_977

Perfect score: 422
Sequence: 1 SLFVTPVSRPILTLKVPRA.....KVASTPVSGSLFLASAPHR 422

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 1867569 seqs, 417829326 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database :

Published Applications AA_Main*
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2: /cgn2_6/ptodaca/1/pubpa/US08_PUBCOMB pep.*
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4: /cgn2_6/ptodaca/1/pubpa/US10A_PUBCOMB pep.*
5: /cgn2_6/ptodaca/1/pubpa/US10B_PUBCOMB pep.*
6: /cgn2_6/ptodaca/1/pubpa/US11_PUBCOMB pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	422	100.0	977	4 US-10-040-862-10462	Sequence 10462, A
2	422	100.0	977	4 US-10-057-475B-10462	Sequence 10462, A
3	422	100.0	977	4 US-10-154-884B-10462	Sequence 10462, A
4	422	100.0	977	4 US-10-403-847-9	Sequence 9, Appl1
5	422	100.0	977	4 US-10-764-324-10462	Sequence 10462, A
6	233	55.2	977	4 US-10-241-220-97	Sequence 97, Appl1
7	233	55.2	977	5 US-10-872-921-97	Sequence 97, Appl1
8	233	55.2	977	5 US-10-872-921-97	Sequence 97, Appl1
9	233	55.2	977	5 US-10-983-340-35	Sequence 35, Appl1
10	191	45.3	759	4 US-10-040-862-10460	Sequence 10460, A
11	191	45.3	759	4 US-10-057-475B-10460	Sequence 10460, A
12	191	45.3	759	4 US-10-154-884B-10460	Sequence 10460, A
13	191	45.3	759	4 US-10-403-847-7	Sequence 7, Appl1
14	191	45.3	759	4 US-10-764-324-10460	Sequence 10460, A
15	181	48.3	790	4 US-10-403-847-4	Sequence 4, Appl1
16	181	48.3	790	4 US-10-403-847-139	Sequence 139, Appl1
17	181	48.3	790	4 US-10-403-847-146	Sequence 146, Appl1
18	181	48.3	790	4 US-10-403-847-72	Sequence 72, Appl1
19	181	48.3	790	4 US-10-403-847-73	Sequence 73, Appl1
20	181	48.3	790	4 US-10-403-847-145	Sequence 145, Appl1
21	181	48.3	790	4 US-10-403-847-146	Sequence 146, Appl1
22	181	48.3	790	4 US-10-403-847-147	Sequence 147, Appl1
23	181	48.3	790	4 US-10-403-847-148	Sequence 148, Appl1
24	181	48.3	790	4 US-10-403-847-149	Sequence 149, Appl1
25	181	48.3	790	4 US-10-403-847-150	Sequence 150, Appl1
26	181	48.3	790	4 US-10-403-847-151	Sequence 151, Appl1
27	181	48.3	790	4 US-10-403-847-152	Sequence 152, Appl1

28	23	5.5	255	4 US-10-154-884B-9612	Sequence 9612, Ap
29	23	5.5	255	4 US-10-154-884B-11057	Sequence 11057, A
30	23	5.5	255	4 US-10-764-324-9612	Sequence 9612, Ap
31	23	5.5	255	4 US-10-040-862-9611	Sequence 9611, Ap
32	23	5.5	255	4 US-10-057-475B-9611	Sequence 9611, Ap
33	23	5.5	255	4 US-10-154-884B-9611	Sequence 9611, Ap
34	23	5.5	255	4 US-10-154-884B-11056	Sequence 11056, A
35	23	5.5	255	4 US-10-764-324-9611	Sequence 9611, Ap
36	23	5.5	255	4 US-10-154-884B-11051	Sequence 11051, A
37	23	5.5	255	4 US-10-154-884B-11044	Sequence 11044, A
38	23	5.5	255	4 US-10-154-884B-11047	Sequence 11047, A
39	23	5.5	255	4 US-10-154-884B-11052	Sequence 11052, A
40	23	5.5	255	4 US-10-154-884B-11043	Sequence 11043, A
41	23	5.5	255	4 US-10-154-884B-11048	Sequence 11048, A
42	23	5.5	255	4 US-10-154-884B-11048	Sequence 11048, A
43	23	5.5	255	4 US-10-154-884B-11048	Sequence 11048, A
44	23	5.5	255	4 US-10-154-884B-11048	Sequence 11048, A
45	23	5.5	255	4 US-10-154-884B-11048	Sequence 11048, A

ALIGNMENTS

RESULT 1
US-10-040-862-10462
; Sequence 10462, Application US/10040862
; Publication No. US2003078396A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013520US
; CURRENT APPLICATION NUMBER: US/10/040,862
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/223,378
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: US 09/796,692
; PRIOR FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 10467
; SOFTWARE: FaastSeq for Windows Version 3.0
; SEQ ID NO 10462
; TYPE: PRT
; ORGANISM: Homo sapiens
Query Match 100.0%; Score 422; DB 4; Length 977;

Best Local Similarity 100.0%; Pred. No. 0;
Matches 422; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SLFTVTVPSRPILTLTRVPAQAVVGDLLBLHCEAPRGSPILYWFYHEDVTLGSSAPSG 60
DB 556 SLFTVTVPSRPILTLTRVPAQAVVGDLLBLHCEAPRGSPILYWFYHEDVTLGSSAPSG 615
QY 61 GEASFNLSLTAHSGNYSCSEANNGLVAQHSPTLSLTVVPSRPILTFPAPRAQAVVGD 120
DB 616 GEASFNLSLTAHSGNYSCSEANNGLVAQHSPTLSLTVVPSRPILTFPAPRAQAVVGD 675
QY 121 LELHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCSEADNGLEA 180
DB 676 LELHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCSEADNGLEA 735
QY 181 ORSEWMTLKVAVPSRPVLTLPAPGTHAAVGDLLBLHCEALRGSPILYRFHEDVTLCN 240
DB 736 ORSEWMTLKVAVPSRPVLTLPAPGTHAAVGDLLBLHCEALRGSPILYRFHEDVTLCN 795
QY 241 RSSPSCGASLNLSTLAHSGNYSCSEADNGLGAORSETVTLTYTGLTANSGPPATGVAG 300
DB 796 RSSPSCGASLNLSTLAHSGNYSCSEADNGLGAORSETVTLTYTGLTANSGPPATGVAG 855
QY 301 LLSIAGLAAGALLLYCMLSRKAKRKPASDPSPDSQEPYHNVPAMELQPYTNA 360
DB 856 LLSIAGLAAGALLLYCMLSRKAKRKPASDPSPDSQEPYHNVPAMELQPYTNA 915
QY 361 NPGENVVYSEVRILIOEKKHAVASDPRLRNKSPILYSEVYASTPVSGSLFLASSAP 420
DB 916 NPGENVVYSEVRILIOEKKHAVASDPRLRNKSPILYSEVYASTPVSGSLFLASSAP 975
QY 421 HR 422
DB 976 HR 977

RESULT 2
US-10-057-475B-10462
Sequence 10462, Application US/10057475B
Publication No. US20040002068A1
GENERAL INFORMATION:
APPLICANT: Gaiger, Alexander
APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
APPLICANT: Clapper, Jonathan David
APPLICANT: Wang, Aijun
APPLICANT: Ordenez, Nadia
APPLICANT: Carter, Lauren
APPLICANT: McNeill, Patricia Dianne
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
FILE REFERENCE: 014058-014402US
CURRENT APPLICATION NUMBER: US/10/057, 475B
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: US 60/186,126
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: US 60/190,479
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: US 60/200,545
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 60/200,303
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: US 60/200,779
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: US 60/200,999
PRIOR FILING DATE: 2000-05-01
PRIOR APPLICATION NUMBER: US 60/202,084
PRIOR FILING DATE: 2000-05-04
PRIOR APPLICATION NUMBER: US 60/206,201
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: US 60/218,950
PRIOR FILING DATE: 2000-07-14

PRIOR APPLICATION NUMBER: US 60/222,903
PRIOR FILING DATE: 2000-08-03
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 10979
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 10462
LENGTH: 977
TYPE: PRT
ORGANISM: Homo sapiens
US-10-057-475B-10462

Query Match
Best Local Similarity 100.0%; Score 422; DB 4; Length 977;
Matches 422; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SLFTVTVPSRPILTLTRVPAQAVVGDLLBLHCEAPRGSPILYWFYHEDVTLGSSAPSG 60
DB 556 SLFTVTVPSRPILTLTRVPAQAVVGDLLBLHCEAPRGSPILYWFYHEDVTLGSSAPSG 615
QY 61 GEASFNLSLTAHSGNYSCSEANNGLVAQHSPTLSLTVVPSRPILTFPAPRAQAVVGD 120
DB 616 GEASFNLSLTAHSGNYSCSEANNGLVAQHSPTLSLTVVPSRPILTFPAPRAQAVVGD 675
QY 121 LELHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCSEADNGLEA 180
DB 676 LELHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCSEADNGLEA 735
QY 181 ORSEWMTLKVAVPSRPVLTLPAPGTHAAVGDLLBLHCEALRGSPILYRFHEDVTLCN 240
DB 736 ORSEWMTLKVAVPSRPVLTLPAPGTHAAVGDLLBLHCEALRGSPILYRFHEDVTLCN 795
QY 241 RSSPSCGASLNLSTLAHSGNYSCSEADNGLGAORSETVTLTYTGLTANSGPPATGVAG 300
DB 796 RSSPSCGASLNLSTLAHSGNYSCSEADNGLGAORSETVTLTYTGLTANSGPPATGVAG 855
QY 301 LLSIAGLAAGALLLYCMLSRKAKRKPASDPSPDSQEPYHNVPAMELQPYTNA 360
DB 856 LLSIAGLAAGALLLYCMLSRKAKRKPASDPSPDSQEPYHNVPAMELQPYTNA 915
QY 361 NPGENVVYSEVRILIOEKKHAVASDPRLRNKSPILYSEVYASTPVSGSLFLASSAP 420
DB 916 NPGENVVYSEVRILIOEKKHAVASDPRLRNKSPILYSEVYASTPVSGSLFLASSAP 975
QY 421 HR 422
DB 976 HR 977

RESULT 3
US-10-154-884B-10462
Sequence 10462, Application US/10154884B
Publication No. US20040005561A1
GENERAL INFORMATION:
APPLICANT: Gaiger, Alexander
APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
APPLICANT: Reiter, Marc W.
APPLICANT: Corixa Corporation
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
FILE REFERENCE: 014058-013521US
CURRENT APPLICATION NUMBER: US/10/154, 884B
CURRENT FILING DATE: 2002-05-23
PRIOR APPLICATION NUMBER: US 60/186,126
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: US 60/190,479
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: US 60/200,545
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 60/200,303
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: US 60/206,201
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: US 60/218,950
PRIOR FILING DATE: 2000-07-14

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; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PAM.
; NUMBER OF SEQ ID NOS: 11290
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO: 10462
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-154-884B-10462

Query Match      100.0%; Score 422; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 422; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 556 SLFTVVSRRPILTLKVPRAQAVGDLLELHCEAPRGSPILYWFHEDVTLGSSAPSG 615
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QY 121 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCAUNGLEA 180
DB 676 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCAUNGLEA 735
QY 181 QRSEMTLKYAVVSRPVLTLRAPGTHAAVGDLELHCEALRGSPILYWFHEDVTLG 240
DB 736 QRSEMTLKYAVVSRPVLTLRAPGTHAAVGDLELHCEALRGSPILYWFHEDVTLG 795
QY 241 RSSPAGASLNLSTLAHSGNYSCAUNGLEAQRSEVTLYITGLTANSGPATVAGG 300
DB 796 RSSPAGASLNLSTLAHSGNYSCAUNGLEAQRSEVTLYITGLTANSGPATVAGG 855
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DB 856 LLSIAGLAAGLLLYCMLSRKGRKPADSPARSPDSDSOEPTVHVPAMEELQPYTNA 915
QY 361 NPGENVYVSRRPILYOEKKGHAAVADPRHLRNKSGPILYSEVVAASPVSGLFLASSAP 420
DB 916 NPGENVYVSRRPILYOEKKGHAAVADPRHLRNKSGPILYSEVVAASPVSGLFLASSAP 975
QY 421 HR 422
DB 976 HR 977

RESULT 4
US-10-403-847-9
; Sequence 9, Application US/10403847
; Publication No. US2004003098A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICER VARIANTS OF A HUMAN
; FILE REFERENCE: DO228 NP
; CURRENT FILING DATE: 2003-03-28
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: U.S. 60/371,420
; PRIOR FILING DATE: 2002-04-10
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.2

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; SEQ ID NO 9
; LENGTH: 977
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-403-847-9

Query Match      100.0%; Score 422; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 422; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVVSRRPILTLKVPRAQAVGDLLELHCEAPRGSPILYWFHEDVTLGSSAPSG 60
DB 556 SLFTVVSRRPILTLKVPRAQAVGDLLELHCEAPRGSPILYWFHEDVTLGSSAPSG 615
QY 61 GEAFNLSLTAHSGNYSCANNGLVAQHSPTISLSIVVSRPILTFRAPAQAVGDL 120
DB 616 GEAFNLSLTAHSGNYSCANNGLVAQHSPTISLSIVVSRPILTFRAPAQAVGDL 675
QY 121 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCAUNGLEA 180
DB 676 LEHCEALRGSSPILYWFHEDVTLGKISAPSGGASFNLSLTHSGIYSCAUNGLEA 735
QY 181 QRSEMTLKYAVVSRPVLTLRAPGTHAAVGDLELHCEALRGSPILYWFHEDVTLG 240
DB 736 QRSEMTLKYAVVSRPVLTLRAPGTHAAVGDLELHCEALRGSPILYWFHEDVTLG 795
QY 241 RSSPAGASLNLSTLAHSGNYSCAUNGLEAQRSEVTLYITGLTANSGPATVAGG 300
DB 796 RSSPAGASLNLSTLAHSGNYSCAUNGLEAQRSEVTLYITGLTANSGPATVAGG 855
QY 301 LLSIAGLAAGLLLYCMLSRKGRKPADSPARSPDSDSOEPTVHVPAMEELQPYTNA 360
DB 856 LLSIAGLAAGLLLYCMLSRKGRKPADSPARSPDSDSOEPTVHVPAMEELQPYTNA 915
QY 361 NPGENVYVSRRPILYOEKKGHAAVADPRHLRNKSGPILYSEVVAASPVSGLFLASSAP 420
DB 916 NPGENVYVSRRPILYOEKKGHAAVADPRHLRNKSGPILYSEVVAASPVSGLFLASSAP 975
QY 421 HR 422
DB 976 HR 977

RESULT 5
US-10-764-324-10462
; Sequence 10462, Application US/10764324
; Publication No. US20040175739A1
; GENERAL INFORMATION:
; APPLICANT: Galger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013520US
; CURRENT FILING DATE: 2004-01-23
; PRIOR FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US/10/040,862
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084

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;; PRIOR FILING DATE: 2000-05-04
;; PRIOR APPLICATION NUMBER: US 60/206,201
;; PRIOR FILING DATE: 2000-05-22
;; PRIOR APPLICATION NUMBER: US 60/218,950
;; PRIOR FILING DATE: 2000-07-14
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 10467
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO: 10462
;; LENGTH: 977
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-764-324-10462

Query Match 100.0%; Score 422; DB 4; Length 977;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 422; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVPVSRPILTLRVPRAQAVVGDLELHCEAPRGSPILYWFYHEDVTLGSSAPSG 60
DB 556 SLFTVPVSRPILTLRVPRAQAVVGDLELHCEAPRGSPILYWFYHEDVTLGSSAPSG 615
QY 61 GEASFNLSLTAHSGNYSCANNGLVAQHSDDTISLVIYVSRPILTFRAPRAQAVVGD 120
DB 616 GEASFNLSLTAHSGNYSCANNGLVAQHSDDTISLVIYVSRPILTFRAPRAQAVVGD 675
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 180
DB 676 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 735
QY 181 QRESEMTLKAVPVSRPVLTLRAPGTHAAVGDLELHCEALRGSPILYWFYHEDVTLG 240
DB 736 QRESEMTLKAVPVSRPVLTLRAPGTHAAVGDLELHCEALRGSPILYWFYHEDVTLG 795
QY 241 RSSPSGASINLSLTAHSGNYSCDADNGLGAQRESEVTLYITGLTANRSGPFATGAG 300
DB 796 RSSPSGASINLSLTAHSGNYSCDADNGLGAQRESEVTLYITGLTANRSGPFATGAG 855
QY 301 LLSIAGLAAGALLYCWLSRKAKRPASDPARSPDSQBPYHNTVAMEBLOPYTTNA 360
DB 856 LLSIAGLAAGALLYCWLSRKAKRPASDPARSPDSQBPYHNTVAMEBLOPYTTNA 915
QY 361 NPGENVYSEVRILQKKKHAVASDPRHLNKGSPITTYSEVKVASTPVSGSLFIASAP 420
DB 916 NPGENVYSEVRILQKKKHAVASDPRHLNKGSPITTYSEVKVASTPVSGSLFIASAP 975
QY 421 HR 422
DB 976 HR 977

RESULT 6
US-10-241-220-97
; Sequence 97, Application US/10241220
; Publication No. US20030148408A1
; GENERAL INFORMATION:
; APPLICANT: Frantz, Gretchen
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Phillips, Heidi
; APPLICANT: Polakis, Paul
; APPLICANT: Spencer, Susan
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wu, Thomas
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF TUMOR
; FILE REFERENCE: P5010R1-US
; CURRENT APPLICATION NUMBER: US/10/241,220
; CURRENT FILING DATE: 2002-12-13
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 97
; LENGTH: 977
; TYPE: PRT

;; ORGANISM: Homo Sapien
US-10-241-220-97

Query Match 55.2%; Score 233; DB 4; Length 977;
Best Local Similarity 99.7%; Pred. No. 1,9e-208;
Matches 333; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SLFTVPVSRPILTLRVPRAQAVVGDLELHCEAPRGSPILYWFYHEDVTLGSSAPSG 60
DB 556 SLFTVPVSRPILTLRVPRAQAVVGDLELHCEAPRGSPILYWFYHEDVTLGSSAPSG 615
QY 61 GEASFNLSLTAHSGNYSCANNGLVAQHSDDTISLVIYVSRPILTFRAPRAQAVVGD 120
DB 616 GEASFNLSLTAHSGNYSCANNGLVAQHSDDTISLVIYVSRPILTFRAPRAQAVVGD 675
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 180
DB 676 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 735
QY 181 QRESEMTLKAVPVSRPVLTLRAPGTHAAVGDLELHCEALRGSPILYWFYHEDVTLG 240
DB 736 QRESEMTLKAVPVSRPVLTLRAPGTHAAVGDLELHCEALRGSPILYWFYHEDVTLG 795
QY 241 RSSPSGASINLSLTAHSGNYSCDADNGLGAQRESEVTLYITGLTANRSGPFATGAG 300
DB 796 RSSPSGASINLSLTAHSGNYSCDADNGLGAQRESEVTLYITGLTANRSGPFATGAG 855
QY 301 LLSIAGLAAGALLYCWLSRKAKRPASDPARSP 334
DB 856 LLSIAGLAAGALLYCWLSRKAKRPASDPARSP 889

RESULT 7
US-10-872-972-97
; Sequence 97, Application US/10872972
; Publication No. US20040229277A1
; GENERAL INFORMATION:
; APPLICANT: Frantz, Gretchen
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Phillips, Heidi
; APPLICANT: Polakis, Paul
; APPLICANT: Spencer, Susan
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wu, Thomas
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF TUMOR
; FILE REFERENCE: P5010R1-US
; CURRENT APPLICATION NUMBER: US/10/872,972
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US/10/241,220
; PRIOR FILING DATE: 2002-09-11
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 97
; LENGTH: 977
; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-872-972-97

Query Match 55.2%; Score 233; DB 5; Length 977;
Best Local Similarity 99.7%; Pred. No. 1,9e-208;
Matches 333; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 SLFTVPVSRPILTLRVPRAQAVVGDLELHCEAPRGSPILYWFYHEDVTLGSSAPSG 60
DB 556 SLFTVPVSRPILTLRVPRAQAVVGDLELHCEAPRGSPILYWFYHEDVTLGSSAPSG 615
QY 61 GEASFNLSLTAHSGNYSCANNGLVAQHSDDTISLVIYVSRPILTFRAPRAQAVVGD 120
DB 616 GEASFNLSLTAHSGNYSCANNGLVAQHSDDTISLVIYVSRPILTFRAPRAQAVVGD 675
QY 121 LEHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTHSGIYSCDADNGLEA 180

Db 676 LEHCEALRGSSPILYWFHEDVTGKISAPSGGASFNLSLTHSGIYSCDANGPEA 735
 Qy 181 ORSEMTLTKAVVPSRPVTLTAPGTHAAVGDLELHCEALRGSPILYWFHEDVTG 240
 Db 736 ORSEMTLTKAVVPSRPVTLTAPGTHAAVGDLELHCEALRGSPILYWFHEDVTG 795
 Qy 241 RSSPGGASINLSLTHSGIYSCDANGLGAKORSEVTYITGLTANRSGPATVAGG 300
 Db 796 RSSPGGASINLSLTHSGIYSCDANGLGAKORSEVTYITGLTANRSGPATVAGG 855
 Qy 301 LLSIAGLAAGALLIYCMISRKAKRKPASDPARSP 334
 Db 856 LLSIAGLAAGALLIYCMISRKAKRKPASDPARSP 889

RESULT 8
 US-10-872-991-97
 / Sequence 97, Application US/10872991
 / Publication No. US20040242860A1
 / GENERAL INFORMATION:
 / APPLICANT: Prantcz, Gretchen
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Phillips, Heidi
 / APPLICANT: Polakis, Paul
 / APPLICANT: Spencer, Susan
 / APPLICANT: Williams, P. Mickey
 / APPLICANT: Wu, Thomas
 / APPLICANT: Zhang, Zemin
 / TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
 / TITL OF INVENTION: TREATMENT OF TUMOR
 / FILE REFERENCE: P510R1-US
 / CURRENT APPLICATION NUMBER: US/10/872, 991
 / CURRENT FILING DATE: 2004-06-21
 / PRIOR APPLICATION NUMBER: US/10/241, 220
 / PRIOR FILING DATE: 2002-09-11
 / NUMBER OF SEQ ID NOS: 120
 / SEQ ID NO: 97
 / LENGTH: 977
 / TYPE: PRT
 / ORGANISM: Homo Sapien
 US-10-872-991-97

Query Match 55.2%; Score 233; DB 5; Length 977;
 Best Local Similarity 99.7%; Pred. No. 1.9e-208; Indels 0; Gaps 0;
 Matches 333; Conservative 0; Mismatches 1;
 Qy 1 SLPTVPSRPILTLVPRQAQAVGDLELHCEALRGSPILYWFHEDVTGSSAPSG 60
 Db 556 SLPTVPSRPILTLVPRQAQAVGDLELHCEALRGSPILYWFHEDVTGSSAPSG 615
 Qy 61 GEASFNLSLTHSGIYSCDANGLVAGHSPTISLSVIVPSRPILTFRAPRAQAVGDL 120
 Db 616 GEASFNLSLTHSGIYSCDANGLVAGHSPTISLSVIVPSRPILTFRAPRAQAVGDL 675
 Qy 121 LEHCEALRGSSPILYWFHEDVTGKISAPSGGASFNLSLTHSGIYSCDANGLEA 180
 Db 676 LEHCEALRGSSPILYWFHEDVTGKISAPSGGASFNLSLTHSGIYSCDANGPEA 735
 Qy 181 ORSEMTLTKAVVPSRPVTLTAPGTHAAVGDLELHCEALRGSPILYWFHEDVTG 240
 Db 736 ORSEMTLTKAVVPSRPVTLTAPGTHAAVGDLELHCEALRGSPILYWFHEDVTG 795
 Qy 241 RSSPGGASINLSLTHSGIYSCDANGLGAKORSEVTYITGLTANRSGPATVAGG 300
 Db 796 RSSPGGASINLSLTHSGIYSCDANGLGAKORSEVTYITGLTANRSGPATVAGG 855
 Qy 301 LLSIAGLAAGALLIYCMISRKAKRKPASDPARSP 334
 Db 856 LLSIAGLAAGALLIYCMISRKAKRKPASDPARSP 889

/ Sequence 35, Application US/10983340
 / Publication No. US20050238649A1
 / GENERAL INFORMATION:
 / APPLICANT: Dornona, Svetlana O.
 / APPLICANT: Toki, Brian B.
 / APPLICANT: Senter, Peter D.
 / APPLICANT: Ebens, Allen J.
 / APPLICANT: Polakis, Paul
 / APPLICANT: Sliwowski, Mark X.
 / APPLICANT: Spencer, Susan D.
 / APPLICANT: Kline, Toni Beth
 / TITLE OF INVENTION: MONOMETHYLAINE COMPOUNDS CAPABLE OF CONJUGATION TO LIGANDS
 / FILE REFERENCE: 018691-001020US
 / CURRENT APPLICATION NUMBER: US/10/983,340
 / CURRENT FILING DATE: 2004-11-05
 / PRIOR APPLICATION NUMBER: US 60/598, 899
 / PRIOR FILING DATE: 2004-08-04
 / PRIOR APPLICATION NUMBER: US 60/557, 116
 / PRIOR FILING DATE: 2004-03-26
 / PRIOR APPLICATION NUMBER: US 60/518, 534
 / PRIOR FILING DATE: 2003-11-06
 / NUMBER OF SEQ ID NOS: 35
 / SEQ ID NO: 35
 / LENGTH: 977
 / TYPE: PRT
 / ORGANISM: Homo sapien
 US-10-983-340-35

Query Match 55.2%; Score 233; DB 5; Length 977;
 Best Local Similarity 99.7%; Pred. No. 1.9e-208; Indels 0; Gaps 0;
 Matches 333; Conservative 0; Mismatches 1;
 Qy 1 SLPTVPSRPILTLVPRQAQAVGDLELHCEALRGSPILYWFHEDVTGSSAPSG 60
 Db 556 SLPTVPSRPILTLVPRQAQAVGDLELHCEALRGSPILYWFHEDVTGSSAPSG 615
 Qy 61 GEASFNLSLTHSGIYSCDANGLVAGHSPTISLSVIVPSRPILTFRAPRAQAVGDL 120
 Db 616 GEASFNLSLTHSGIYSCDANGLVAGHSPTISLSVIVPSRPILTFRAPRAQAVGDL 675
 Qy 121 LEHCEALRGSSPILYWFHEDVTGKISAPSGGASFNLSLTHSGIYSCDANGLEA 180
 Db 676 LEHCEALRGSSPILYWFHEDVTGKISAPSGGASFNLSLTHSGIYSCDANGPEA 735
 Qy 181 ORSEMTLTKAVVPSRPVTLTAPGTHAAVGDLELHCEALRGSPILYWFHEDVTG 240
 Db 736 ORSEMTLTKAVVPSRPVTLTAPGTHAAVGDLELHCEALRGSPILYWFHEDVTG 795
 Qy 241 RSSPGGASINLSLTHSGIYSCDANGLGAKORSEVTYITGLTANRSGPATVAGG 300
 Db 796 RSSPGGASINLSLTHSGIYSCDANGLGAKORSEVTYITGLTANRSGPATVAGG 855
 Qy 301 LLSIAGLAAGALLIYCMISRKAKRKPASDPARSP 334
 Db 856 LLSIAGLAAGALLIYCMISRKAKRKPASDPARSP 889

RESULT 10
 US-10-040-862-10460
 / Sequence 10460, Application US/10040862
 / Publication No. US2003078396A1
 / GENERAL INFORMATION:
 / APPLICANT: Gaiger, Alexander
 / APPLICANT: Algate, Paul A.
 / APPLICANT: Mannion, Jane
 / APPLICANT: Retter, Marc
 / APPLICANT: Cortia Corporation
 / TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy,
 / FILE REFERENCE: 014058-013520US
 / CURRENT APPLICATION NUMBER: US/10/040, 862
 / CURRENT FILING DATE: 2001-11-06
 / PRIOR APPLICATION NUMBER: US 60/186, 126

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; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/223,378
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: US 09/796,692
; PRIOR FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 10467
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10460
; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-040-862-10460

```

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Query Match      45.3%; Score 191; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 2.7e-169;
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 SLFTVTVSRPILTLRVPRAQAVVGDLLHLHCEAPRGSPILTYWFHEDVTGSSAPSG 60
DB 556 SLFTVTVSRPILTLRVPRAQAVVGDLLHLHCEAPRGSPILTYWFHEDVTGSSAPSG 615
QY 61 GEASFNLSTLAEHSGNYSCENANGLVQHSDDTSLSYIVPSRPILTFPAPRAQAVVGD 120
DB 616 GEASFNLSTLAEHSGNYSCENANGLVQHSDDTSLSYIVPSRPILTFPAPRAQAVVGD 675
QY 121 LELHCEALRGSSPILTYWFHEDVTGKISAPSGGASFNLSLTTESGIYSCDADNGLEA 180
DB 676 LELHCEALRGSSPILTYWFHEDVTGKISAPSGGASFNLSLTTESGIYSCDADNGLEA 735
QY 181 QRESEMTLKVA 191
DB 736 QRESEMTLKVA 746

```

RESULT 11
US-10-057-475B-10460
Sequence 10460, Application US/10057475B
Publication No. US20040002068A1
GENERAL INFORMATION:
APPLICANT: Gaiger, Alexander
APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
APPLICANT: Clapper, Jonathan David
APPLICANT: Wang, Aljun
APPLICANT: Ordenez, Nadia
APPLICANT: Carter, Lauren
APPLICANT: McNeill, Patricia Dianne
APPLICANT: Corixa Corporation
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
TITLE OF INVENTION: Hematological Malignancies
FILE REFERENCE: 014058-014402US
CURRENT APPLICATION NUMBER: US/10/057,475B
CURRENT FILING DATE: 2002-01-22

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; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 10979
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10460
; LENGTH: 759
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-475B-10460

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Query Match      45.3%; Score 191; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 2.7e-169;
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 SLFTVTVSRPILTLRVPRAQAVVGDLLHLHCEAPRGSPILTYWFHEDVTGSSAPSG 60
DB 556 SLFTVTVSRPILTLRVPRAQAVVGDLLHLHCEAPRGSPILTYWFHEDVTGSSAPSG 615
QY 61 GEASFNLSTLAEHSGNYSCENANGLVQHSDDTSLSYIVPSRPILTFPAPRAQAVVGD 120
DB 616 GEASFNLSTLAEHSGNYSCENANGLVQHSDDTSLSYIVPSRPILTFPAPRAQAVVGD 675
QY 121 LELHCEALRGSSPILTYWFHEDVTGKISAPSGGASFNLSLTTESGIYSCDADNGLEA 180
DB 676 LELHCEALRGSSPILTYWFHEDVTGKISAPSGGASFNLSLTTESGIYSCDADNGLEA 735
QY 181 QRESEMTLKVA 191
DB 736 QRESEMTLKVA 746

```

RESULT 12
US-10-154-884B-10460
Sequence 10460, Application US/10154884B
Publication No. US2004000561A1
GENERAL INFORMATION:
APPLICANT: Gaiger, Alexander
APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
APPLICANT: Kelter, Marc W.
APPLICANT: Corixa Corporation
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
TITLE OF INVENTION: Hematological Malignancies
FILE REFERENCE: 014058-013521US
CURRENT APPLICATION NUMBER: US/10/154,884B
CURRENT FILING DATE: 2002-05-23
PRIOR APPLICATION NUMBER: US 60/186,126
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: US 60/190,479
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: US 60/200,545
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 60/200,303
PRIOR FILING DATE: 2000-04-28


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/ PRIOR APPLICATION NUMBER: US 60/200,779
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,999
/ PRIOR FILING DATE: 2000-05-01
/ PRIOR APPLICATION NUMBER: US 60/202,084
/ PRIOR FILING DATE: 2000-05-04
/ PRIOR APPLICATION NUMBER: US 60/206,201
/ PRIOR FILING DATE: 2000-05-22
/ PRIOR APPLICATION NUMBER: US 60/218,950
/ PRIOR FILING DATE: 2000-07-14
/ PRIOR APPLICATION NUMBER: US 60/222,903
/ PRIOR FILING DATE: 2000-08-03
/ Remaining Prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 11290
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 10460
/ LENGTH: 759
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-154-884B-10460

Query Match      45.3%; Score 191; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 2,7e-169;
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVPSRPILTLRPRAQAVVGDLLHCEAPRGSPILYWFYHEDVTLGSSAPSG 60
DB 556 SLFTVPSRPILTLRPRAQAVVGDLLHCEAPRGSPILYWFYHEDVTLGSSAPSG 615

QY 61 GRASPNTSLTAHSGNYSCANNGLVAOHSPTISLSTVPSRPILTLRPRAQAVVGD 120
DB 616 GRASPNTSLTAHSGNYSCANNGLVAOHSPTISLSTVPSRPILTLRPRAQAVVGD 675

QY 121 LELHCEALRGSSPLLYWFYHEDVTLGKISAPSGGASFNLSLTTHSGIYSCADNGLEA 180
DB 676 LELHCEALRGSSPLLYWFYHEDVTLGKISAPSGGASFNLSLTTHSGIYSCADNGLEA 735

QY 181 ORSEMYTLKVA 191
DB 736 ORSEMYTLKVA 746

RESULT 13
US-10-403-847-7
/ Sequence 7, Application US/10403847
/ Publication No. US20040030098A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICED VARIANTS OF A HUMAN
/ FILE REFERENCE: D0228 NP
/ CURRENT FILING DATE: US/10/403,847
/ PRIOR APPLICATION NUMBER: US 60/368,671
/ PRIOR FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: U.S. 60/371,420
/ PRIOR FILING DATE: 2002-04-10
/ NUMBER OF SEQ ID NOS: 156
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 7
/ LENGTH: 759
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-403-847-7

Query Match      45.3%; Score 191; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 2,7e-169;
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVPSRPILTLRPRAQAVVGDLLHCEAPRGSPILYWFYHEDVTLGSSAPSG 60
DB 556 SLFTVPSRPILTLRPRAQAVVGDLLHCEAPRGSPILYWFYHEDVTLGSSAPSG 615
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QY 61 GRASPNTSLTAHSGNYSCANNGLVAOHSPTISLSTVPSRPILTLRPRAQAVVGD 120
DB 616 GRASPNTSLTAHSGNYSCANNGLVAOHSPTISLSTVPSRPILTLRPRAQAVVGD 675

QY 121 LELHCEALRGSSPLLYWFYHEDVTLGKISAPSGGASFNLSLTTHSGIYSCANGLEA 180
DB 676 LELHCEALRGSSPLLYWFYHEDVTLGKISAPSGGASFNLSLTTHSGIYSCANGLEA 735

QY 181 ORSEMYTLKVA 191
DB 736 ORSEMYTLKVA 746

RESULT 14
US-10-764-324-10460
/ Sequence 10460, Application US/10764324
/ Publication No. US2004017579A1
/ GENERAL INFORMATION:
/ APPLICANT: Gaiger, Alexander
/ APPLICANT: Algate, Paul A.
/ APPLICANT: Mannion, Jane
/ APPLICANT: Retter, Marc
/ APPLICANT: Corixa Corporation
/ TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
/ FILE REFERENCE: 014058-01352005
/ CURRENT FILING DATE: US/10/764,324
/ PRIOR APPLICATION NUMBER: US/10/040,862
/ PRIOR FILING DATE: 2001-11-06
/ PRIOR APPLICATION NUMBER: US 60/186,126
/ PRIOR FILING DATE: 2000-03-01
/ PRIOR APPLICATION NUMBER: US 60/190,479
/ PRIOR FILING DATE: 2000-03-17
/ PRIOR APPLICATION NUMBER: US 60/200,545
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: US 60/200,303
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,779
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,999
/ PRIOR FILING DATE: 2000-05-01
/ PRIOR APPLICATION NUMBER: US 60/202,084
/ PRIOR FILING DATE: 2000-05-04
/ PRIOR APPLICATION NUMBER: US 60/206,201
/ PRIOR FILING DATE: 2000-05-22
/ PRIOR APPLICATION NUMBER: US 60/218,950
/ PRIOR FILING DATE: 2000-07-14
/ Remaining Prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 10467
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 10460
/ LENGTH: 759
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-764-324-10460

Query Match      45.3%; Score 191; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 2,7e-169;
Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFTVPSRPILTLRPRAQAVVGDLLHCEAPRGSPILYWFYHEDVTLGSSAPSG 60
DB 556 SLFTVPSRPILTLRPRAQAVVGDLLHCEAPRGSPILYWFYHEDVTLGSSAPSG 615

QY 61 GRASPNTSLTAHSGNYSCANNGLVAOHSPTISLSTVPSRPILTLRPRAQAVVGD 120
DB 616 GRASPNTSLTAHSGNYSCANNGLVAOHSPTISLSTVPSRPILTLRPRAQAVVGD 675

QY 121 LELHCEALRGSSPLLYWFYHEDVTLGKISAPSGGASFNLSLTTHSGIYSCADNGLEA 180
DB 676 LELHCEALRGSSPLLYWFYHEDVTLGKISAPSGGASFNLSLTTHSGIYSCADNGLEA 735
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QY 181 ORSEMTLKVA 191
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Db 736 ORSEMTLKVA 746

RESULT 15

US-10-403-847-4
; Sequence 4, Application US/10403847
; Publication No. US2004030098A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL TWO SPLICER VARIANTS OF A HUMAN
; FILE REFERENCE: D0228 NP
; CURRENT APPLICATION NUMBER: US/10/403,847
; CURRENT FILING DATE: 2003-03-28
; PRIOR APPLICATION NUMBER: U.S. 60/368,671
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: U.S. 60/371,420
; PRIOR FILING DATE: 2002-04-10
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 790
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-403-847-4

Query Match

45.3%; Score 191; DB 4; Length 790;
Best Local Similarity 100.0%; Pred. No. 2.8e-169;

Matches 191; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SLFVTVPVSRPILTLRVPRQAQAVVGDLLBLHCEAPRGSPILYWFYHEDVTLGSSSAPSG 60
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Db 587 SLFVTVPVSRPILTLRVPRQAQAVVGDLLBLHCEAPRGSPILYWFYHEDVTLGSSSAPSG 646
|||
QY 61 GEASFNISLTAHSGNNSCEANGLVAQHSDTISLSIVPVSRRPILTFRAPRAQAVVGD 120
|||
Db 647 GEASFNISLTAHSGNNSCEANGLVAQHSDTISLSIVPVSRRPILTFRAPRAQAVVGD 706
|||
QY 121 LELHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTTEHSGIYSCDANGLEA 180
|||
Db 707 LELHCEALRGSSPILYWFYHEDVTLGKISAPSGGASFNLSLTTEHSGIYSCDANGLEA 766
|||
QY 181 ORSEMTLKVA 191
|||
Db 767 ORSEMTLKVA 777

Search completed: February 17, 2006, 07:02:11
Job time : 102.169 secs

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OM protein - protein search, using sw model

Run on: February 17, 2006, 06:57:25 ; Search time 9.00821 Seconds
(without alignments)
665.901 Million cell updates/sec

Title: US-09-724-254A-41_COPY_556_977
Perfect score: 422
Sequence: 1 SLFVTPVPSRPILTLKVPRA.....KVASTPVSGSLFLASSAPHR 422

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 107819 seqs, 14214640 residues

Word size : 0

Total number of hits satisfying chosen parameters: 107819

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	233	55.2	977	US-11-093-274-39	Sequence 39, Appl
2	233	5.5	192	US-10-514-534-9	Sequence 8, Appl
3	233	5.5	255	US-10-514-534-8	Sequence 8, Appl
4	233	5.5	341	US-10-514-534-6	Sequence 6, Appl
5	233	5.5	508	US-10-514-534-7	Sequence 7, Appl
6	233	5.5	508	US-11-093-274-41	Sequence 41, Appl
7	17	4.0	734	US-11-093-274-40	Sequence 40, Appl
8	15	3.6	429	US-11-093-274-37	Sequence 37, Appl
9	9	2.1	555	US-10-621-234-1015	Sequence 1015, Ap
10	7	1.7	7	US-11-064-785-18	Sequence 18, Appl
11	7	1.7	125	US-10-986-501-198	Sequence 198, Ap
12	7	1.7	135	US-11-072-512-2940	Sequence 2940, Ap
13	7	1.7	163	US-10-131-826A-504	Sequence 504, Ap
14	7	1.7	202	US-10-467-657-16	Sequence 16, Ap
15	7	1.7	429	US-10-467-657-5648	Sequence 5648, Ap
16	7	1.7	429	US-11-205-109-32	Sequence 32, Appl
17	7	1.7	457	US-10-986-501-110	Sequence 110, Appl
18	7	1.7	482	US-11-072-512-3794	Sequence 3794, Ap
19	7	1.7	485	US-10-724-598-43	Sequence 43, Appl
20	7	1.7	502	US-10-467-657-7332	Sequence 7332, Ap
21	7	1.7	519	US-10-131-826A-210	Sequence 210, Appl
22	7	1.7	563	US-11-183-136-16	Sequence 16, Appl
23	7	1.7	1190	US-11-043-889-20	Sequence 889, Appl
24	7	1.7	1198	US-10-453-372-880	Sequence 880, Appl
25	7	1.7	1398	US-10-055-877-46	Sequence 46, Appl

26	7	1.7	1398	US-10-453-372-872	Sequence 872, Appl
27	7	1.7	1403	US-10-055-877-52	Sequence 52, Appl
28	7	1.7	1403	US-10-453-372-878	Sequence 878, Appl
29	7	1.7	1404	US-10-055-877-44	Sequence 44, Appl
30	7	1.7	1404	US-10-453-372-870	Sequence 870, Appl
31	7	1.7	1418	US-10-453-372-864	Sequence 864, Appl
32	7	1.7	1450	US-10-055-877-48	Sequence 48, Appl
33	7	1.7	1450	US-10-453-372-874	Sequence 874, Appl
34	7	1.7	1547	US-10-453-372-886	Sequence 886, Appl
35	7	1.7	1577	US-10-055-877-54	Sequence 54, Appl
36	7	1.7	1577	US-10-453-372-882	Sequence 882, Appl
37	7	1.7	1577	US-10-453-372-884	Sequence 884, Appl
38	7	1.7	1584	US-10-453-372-860	Sequence 860, Appl
39	7	1.7	1620	US-10-453-372-868	Sequence 868, Appl
40	7	1.7	1653	US-10-453-372-866	Sequence 866, Appl
41	7	1.7	2804	US-11-120-925-3	Sequence 3, Appl
42	6	1.4	3	US-10-491-096-117	Sequence 117, Appl
43	6	1.4	3	US-10-491-096-181	Sequence 181, Appl
44	6	1.4	10	US-10-491-096-118	Sequence 118, Appl
45	6	1.4	10	US-10-491-096-182	Sequence 182, Appl

ALIGNMENTS

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RESULT 1
US-11-093-274-39
; Publication No. US20050266008A1
; GENERAL INFORMATION:
; APPLICANT: Graziano, Robert
; APPLICANT: Cardarelli, Josephine M.
; APPLICANT: Kemp, Thomas
; APPLICANT: Cutler, Beth
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: IRTA-5 ANTIBODIES AND THEIR USES
; FILE REFERENCE: 04280/120101-US1
; CURRENT APPLICATION NUMBER: US/11/093,274
; CURRENT FILING DATE: 2005-03-28
; PRIOR APPLICATION NUMBER: 60/557,741
; PRIOR FILING DATE: 2004-03-29
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 39
; LENGTH: 977
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-093-274-39

Query Match      55.2%: Score 233; DB 7; Length 977;
Best Local Similarity 99.7%: Pred. No. 1.1e-217;
Matches 333; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1 SLFVTPVPSRPILTLKVPRAQAVVGDLELHCEAPRGSPILYFHYEDVTLAGSSAPSG 60
|||||
556 SLFVTPVPSRPILTLKVPRAQAVVGDLELHCEAPRGSPILYFHYEDVTLAGSSAPSG 615
|||||
61 GRASNTSLTHSGNYSCEANNGLVACHSDTISLVVPSRPILTFRPAQAVVGD 120
|||||
616 GRASNTSLTHSGNYSCEANNGLVACHSDTISLVVPSRPILTFRPAQAVVGD 675
|||||
121 LELHCEALRGSSPLLYFHYEDVTLLKISAPGCGASPNLSITTHSGICSCADNGLA 180
|||||
616 LELHCEALRGSSPLLYFHYEDVTLLKISAPGCGASPNLSITTHSGICSCADNGLA 735
|||||
181 QRSSEMTLKVAVPSRPVLTLPACGTHAAGVGLLELHCEALRGSPILYFHYEDVTLLN 240
|||||
736 QRSSEMTLKVAVPSRPVLTLPACGTHAAGVGLLELHCEALRGSPILYFHYEDVTLLN 795
|||||
241 RSPSGGASLNLSTLTHSGNYSCEADNGLGAQRETYTLTGLTANRSGPATVAGG 300
|||||
796 RSPSGGASLNLSTLTHSGNYSCEADNGLGAQRETYTLTGLTANRSGPATVAGG 855
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QY 301 LLSIAGIAGALLIYCWLSRKAGKRPASDPARSP 334
DB 856 LLSIAGIAGALLIYCWLSRKAGKRPASDPARSP 889

RESULT 2

US-10-514-534-9
; Sequence 9, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-514-534-9

Query Match 5.5%; Score 23; DB 6; Length 192;
Best Local Similarity 100.0%; Pred. No. 7,6e-15;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 63 ASFNLSLTAEHSGNYSCEANNGL 85
DB 99 ASFNLSLTAEHSGNYSCEANNGL 121

RESULT 3

US-10-514-534-8
; Sequence 8, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 255
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-514-534-8

Query Match 5.5%; Score 23; DB 6; Length 255;
Best Local Similarity 100.0%; Pred. No. 9,7e-15;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 63 ASFNLSLTAEHSGNYSCEANNGL 85
DB 99 ASFNLSLTAEHSGNYSCEANNGL 121

RESULT 4

US-10-514-534-6
; Sequence 6, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12

; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 341
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-514-534-6

Query Match 5.5%; Score 23; DB 6; Length 341;
Best Local Similarity 100.0%; Pred. No. 1,3e-14;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 63 ASFNLSLTAEHSGNYSCEANNGL 85
DB 99 ASFNLSLTAEHSGNYSCEANNGL 121

RESULT 5

US-10-514-534-7
; Sequence 7, Application US/10514534
; Publication No. US20050287147A1
; GENERAL INFORMATION:
; APPLICANT: Avalon Pharmaceuticals, Inc.
; TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
; FILE REFERENCE: 689290-218
; CURRENT APPLICATION NUMBER: US/10/514,534
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US/60/380,612
; PRIOR FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 508
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-514-534-7

Query Match 5.5%; Score 23; DB 6; Length 508;
Best Local Similarity 100.0%; Pred. No. 1,8e-14;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 63 ASFNLSLTAEHSGNYSCEANNGL 85
DB 352 ASFNLSLTAEHSGNYSCEANNGL 374

RESULT 6

US-11-093-274-41
; Sequence 41, Application US/11093274
; Publication No. US20050266008A1
; GENERAL INFORMATION:
; APPLICANT: Graziano, Robert
; APPLICANT: Cardarelli, Josephine M.
; APPLICANT: Kempe, Thomas
; APPLICANT: Cutler, Beth
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: IRTA-5 ANTIBODIES AND THEIR USES
; FILE REFERENCE: 04280/1201101-US1
; CURRENT APPLICATION NUMBER: US/11/093,274
; CURRENT FILING DATE: 2005-03-28
; PRIOR APPLICATION NUMBER: 60/557,741
; PRIOR FILING DATE: 2004-03-29
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41
; LENGTH: 508
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-093-274-41

Query Match 5.5%; Score 23; DB 7; Length 508;

Best Local Similarity 100.0%; Pred. No. 1.8e-14;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 63 ASFNISLTAHSGNYSCAANNGL 85
Db 352 ASFNISLTAHSGNYSCAANNGL 374

RESULT 7
US-11-093-274-40
; Sequence 40, Application US/11093274
; Publication No. US2005026608A1
; GENERAL INFORMATION:
; APPLICANT: Graziano, Robert
; APPLICANT: Cardarelli, Josephine M.
; APPLICANT: Kempe, Thomas
; APPLICANT: Cutler, Beth
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: RTA-5 ANTIBODIES AND THEIR USES
; FILE REFERENCE: 04280/1201101-US1
; CURRENT APPLICATION NUMBER: US/11/093,274
; PRIOR FILING DATE: 2005-03-28
; CURRENT APPLICATION NUMBER: 60/557,741
; PRIOR FILING DATE: 2004-03-29
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: Patent version 3.2
; SEQ ID NO: 40
; LENGTH: 734
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-093-274-40

Query Match 4.0%; Score 17; DB 7; Length 734;
Best Local Similarity 100.0%; Pred. No. 1.6e-08;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 63 ASFNISLTAHSGNYSC 79
Db 435 ASFNISLTAHSGNYSC 451

RESULT 8
US-11-093-274-37
; Sequence 37, Application US/11093274
; Publication No. US2005026608A1
; GENERAL INFORMATION:
; APPLICANT: Graziano, Robert
; APPLICANT: Cardarelli, Josephine M.
; APPLICANT: Kempe, Thomas
; APPLICANT: Cutler, Beth
; APPLICANT: Srinivasan, Mohan
; TITLE OF INVENTION: RTA-5 ANTIBODIES AND THEIR USES
; FILE REFERENCE: 04280/1201101-US1
; CURRENT APPLICATION NUMBER: US/11/093,274
; PRIOR FILING DATE: 2005-03-28
; CURRENT APPLICATION NUMBER: 60/557,741
; PRIOR FILING DATE: 2004-03-29
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: Patent version 3.2
; SEQ ID NO: 37
; LENGTH: 429
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-093-274-37

Query Match 3.6%; Score 15; DB 7; Length 429;
Best Local Similarity 100.0%; Pred. No. 8.7e-07;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 149 SAPSGGASFNLSLT 163
Db 253 SAPSGGASFNLSLT 267

RESULT 9
US-10-821-234-1015
; Sequence 1015, Application US/10821234
; Publication No. US20050255114A1
; GENERAL INFORMATION:
; APPLICANT: Lebat, Ivan
; APPLICANT: Stache-Crain, Birgit
; APPLICANT: Andaman, Susan
; APPLICANT: Wang, Y. Tom
; TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
; FILE REFERENCE: 821A
; CURRENT APPLICATION NUMBER: US/10/821,234
; PRIOR FILING DATE: 2004-04-07
; PRIOR APPLICATION NUMBER: US 60/462,047
; PRIOR FILING DATE: 2003-04-07
; NUMBER OF SEQ ID NOS: 1704
; SOFTWARE: pc_seq_genes Version 1.0
; SEQ ID NO: 1015
; LENGTH: 555
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-821-234-1015

Query Match 2.1%; Score 9; DB 6; Length 555;
Best Local Similarity 100.0%; Pred. No. 0.72;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 162 LTBHSGIY 170
Db 350 LTBHSGIY 358

RESULT 10
US-11-064-785-18
; Sequence 18, Application US/11064785
; Publication No. US20050256030A1
; GENERAL INFORMATION:
; APPLICANT: FENG, BAINIAN
; TITLE OF INVENTION: HETEROCYCLIC SELF-IMMOLATIVE LINKERS AND
; FILE REFERENCE: 39766-0143A
; CURRENT APPLICATION NUMBER: US/11/064,785
; PRIOR FILING DATE: 2005-02-22
; PRIOR APPLICATION NUMBER: US 60/547,152
; PRIOR FILING DATE: 2004-02-23
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-064-785-18

Query Match 1.7%; Score 7; DB 7; Length 7;
Best Local Similarity 100.0%; Pred. No. 7.7e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 416 ASSAPHR 422
Db 1 ASSAPHR 7

RESULT 11
US-10-986-501-198
; Sequence 198, Application US/10986501
; Publication No. US20050244845A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: 90 Human Secreted Proteins
; FILE REFERENCE: P2013P2C1
; CURRENT APPLICATION NUMBER: US/10/986,501
; CURRENT FILING DATE: 2004-11-12

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; PRIOR APPLICATION NUMBER: US/10/621,363
; PRIOR FILING DATE: 2003-07-18
; PRIOR APPLICATION NUMBER: 09/969,730
; PRIOR FILING DATE: 2001-10-06
; PRIOR APPLICATION NUMBER: 09/774,639
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/238,291
; PRIOR FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: 09/244,112
; PRIOR FILING DATE: 1999-02-04
; PRIOR APPLICATION NUMBER: PCT/US98/16235
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/056,371
; PRIOR FILING DATE: 1997-08-19
; PRIOR APPLICATION NUMBER: 60/056,732
; PRIOR FILING DATE: 1997-08-19
; PRIOR APPLICATION NUMBER: 60/056,366
; PRIOR FILING DATE: 1997-08-19
; PRIOR APPLICATION NUMBER: 60/056,364
; PRIOR FILING DATE: 1997-08-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 373
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 198
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-986-501-198

Query Match      1.7%; Score 7; DB 6; Length 125;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      307 LAAGALL 313
        |||||
Db      39 LAAGALL 45

RESULT 12
US-11-072-512-2940
; Sequence 2940, Application US/11072512
; Publication No. US20060029945A1
GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
TITLE OF INVENTION: Novel full length cDNA
FILE REFERENCE: 084335-0191
CURRENT APPLICATION NUMBER: US/11/072,512
CURRENT FILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: JP 2001-379298
PRIOR FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2940
; LENGTH: 130
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-072-512-2940

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Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      54 SSSAPSG 60
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Db      56 SSSAPSG 62

RESULT 13
US-10-131-826A-504
; Sequence 504, Application US/10131826A
; Publication No. US20050245730A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C128
CURRENT APPLICATION NUMBER: US/10/131,826A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 504
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-826A-504

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Best Local Similarity 100.0%; Pred. No. 21;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 15 VPRQAV 21

RESULT 14
US-10-467-657-16
; Sequence 16, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SPA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO: 16
; LENGTH: 202
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-16

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QY 304 INGLAG 310
Db 57 INGLAG 63

RESULT 15
US-10-467-657-5648
; Sequence 5648, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SPA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO: 5648
; LENGTH: 202
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-5648

Query Match 1.7%; Score 7; DB 6; Length 202;
Best Local Similarity 100.0%; Pred. No. 25;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 304 INGLAG 310
Db 57 INGLAG 63

Search completed: February 17, 2006, 07:02:42
Job time : 10.0082 secs

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